

Datasheet for ABIN7433264

anti-GOT1 antibody (AA 1-413)

1 Image



Go to Product page

_					
()	VE	۲۱د	/1/	\square	٨.

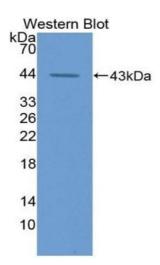
Quantity:	100 μL	
Target:	GOT1	
Binding Specificity:	AA 1-413	
Reactivity:	Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GOT1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)	

Product Details

Purpose:	Polyclonal Antibody to Aspartate Aminotransferase (AST)	
Immunogen:	Recombinant Aspartate Aminotransferase (AST) corresdonding to Met1~Gln413 with N-terminal His Tag	
Isotype:	IgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against AST. It has been selected for its ability to recognize AST in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Human, Rat	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

Target Details

Aspartate Transaminase 1,Cytoplasmic, Glutamic-Oxaloacetic Transaminase 1,Solublic UniProt: P05201 Pathways: Hepatitis C, Monocarboxylic Acid Catabolic Process, Methionine Biosynthetic Process Application Details Application Notes: Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochem 20 µg/mL,Optimal working dilutions must be determined by end user. Comment: The thermal stability is described by the loss rate. The loss rate was determined by an thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the edate under appropriate storage condition. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE wishould be handled by trained staff only. Storage: 4 °C, 20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year-idetectable loss of activity. Avoid repeated freeze-thaw cycles.	3		
Background: CCAT, AAT, ASAT, SGOT, GOT1, Cysteine transaminase, cytoplasmic, Transaminase A Aspartate Transaminase 1, Cytoplasmic, Glutamic-Oxaloacetic Transaminase 1, Solubli UniProt: P05201 Pathways: Hepatitis C, Monocarboxylic Acid Catabolic Process, Methionine Biosynthetic Process Application Details Application Notes: Western blotting: 0.01-2 µg/mL.lmmunohistochemistry: 5-20 µg/mL,lmmunocytochen 20 µg/mL, Optimal working dilutions must be determined by end user. Comment: The thermal stability is described by the loss rate. The loss rate was determined by aco thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the edate under appropriate storage condition. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE we should be handled by trained staff only. Storage: 4 °C, 20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year detectable loss of activity. Avoid repeated freeze-thaw cycles.	Target:	GOT1	
Aspartate Transaminase 1,Cytoplasmic, Glutamic-Oxaloacetic Transaminase 1,Solublic UniProt: P05201 Pathways: Hepatitis C, Monocarboxylic Acid Catabolic Process, Methionine Biosynthetic Process Application Details Application Notes: Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochem 20 µg/mL,Optimal working dilutions must be determined by end user. Comment: The thermal stability is described by the loss rate. The loss rate was determined by acid thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expectations: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL. Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE wishould be handled by trained staff only. Storage: 4 °C, 20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year-idetectable loss of activity. Avoid repeated freeze-thaw cycles.	Alternative Name:	Aspartate Aminotransferase (GOT1 Products)	
Pathways: Hepatitis C, Monocarboxylic Acid Catabolic Process, Methionine Biosynthetic Process Application Details Application Notes: Western blotting: 0.01-2 µg/mL.Immunohistochemistry: 5-20 µg/mL.Immunocytochem 20 µg/mL,Optimal working dilutions must be determined by end user. Comment: The thermal stability is described by the loss rate. The loss rate was determined by acid thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the endate under appropriate storage condition. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE without the should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year detectable loss of activity. Avoid repeated freeze-thaw cycles.	Background:	CCAT, AAT, ASAT, SGOT, GOT1, Cysteine transaminase, cytoplasmic, Transaminase A, Aspartate Transaminase 1,Cytoplasmic, Glutamic-Oxaloacetic Transaminase 1,Soluble	
Application Details Application Notes: Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochem 20 µg/mL,Optimal working dilutions must be determined by end user. Comment: The thermal stability is described by the loss rate. The loss rate was determined by acc thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the endate under appropriate storage condition. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE with should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year detectable loss of activity. Avoid repeated freeze-thaw cycles.	UniProt:	P05201	
Application Notes: Western blotting: 0.01-2 µg/mL,lmmunohistochemistry: 5-20 µg/mL,lmmunocytochem 20 µg/mL,Optimal working dilutions must be determined by end user. Comment: The thermal stability is described by the loss rate. The loss rate was determined by ace thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the endate under appropriate storage condition. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE we should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year detectable loss of activity. Avoid repeated freeze-thaw cycles.	Pathways:	Hepatitis C, Monocarboxylic Acid Catabolic Process, Methionine Biosynthetic Process	
20 µg/mL,Optimal working dilutions must be determined by end user. Comment: The thermal stability is described by the loss rate. The loss rate was determined by acc thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the endate under appropriate storage condition. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE with should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year detectable loss of activity. Avoid repeated freeze-thaw cycles.	Application Details		
thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the edate under appropriate storage condition. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE with should be handled by trained staff only. Storage: 4 °C, -20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years detectable loss of activity. Avoid repeated freeze-thaw cycles.	Application Notes:	Western blotting: 0.01-2 μ g/mL,Immunohistochemistry: 5-20 μ g/mL,Immunocytochemistry: 5-20 μ g/mL,Optimal working dilutions must be determined by end user.	
Format: Liquid Concentration: 0.5 mg/mL Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE w should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years detectable loss of activity. Avoid repeated freeze-thaw cycles.	Comment:	degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
Format: Liquid Concentration: 0.5 mg/mL Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE w should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year detectable loss of activity. Avoid repeated freeze-thaw cycles.	Restrictions:	For Research Use only	
Concentration: 0.5 mg/mL Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE w should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years detectable loss of activity. Avoid repeated freeze-thaw cycles.	Handling		
Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE we should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years detectable loss of activity. Avoid repeated freeze-thaw cycles.	Format:	Liquid	
Preservative: Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE we should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years detectable loss of activity. Avoid repeated freeze-thaw cycles.	Concentration:	0.5 mg/mL	
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE we should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years detectable loss of activity. Avoid repeated freeze-thaw cycles.	Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.	
should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years detectable loss of activity. Avoid repeated freeze-thaw cycles.	Preservative:	Sodium azide	
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year detectable loss of activity. Avoid repeated freeze-thaw cycles.	Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
detectable loss of activity. Avoid repeated freeze-thaw cycles.	Storage:	4 °C,-20 °C	
Expiry Date: 24 months	Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.	
• •	Expiry Date:	24 months	



Western Blotting

Image 1. Detection of Recombinant AST, Mouse using Polyclonal Antibody to Aspartate Aminotransferase (AST)