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Datasheet for ABIN2855229 anti-GOT2 antibody (Center)

8 Images



Overview

Quantity:	100 µL
Target:	GOT2
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GOT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human GOT2. The exact sequence is proprietary.
lsotype:	lgG
Characteristics:	Rabbit Polyclonal antibody to GOT2 (glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2)) GOT2 antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	GOT2

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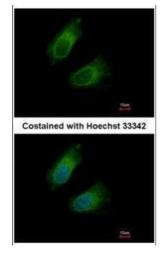
Target Details	
Alternative Name:	GOT2 (GOT2 Products)
Background:	Glutamic-oxaloacetic transaminase is a pyridoxal phosphate-dependent enzyme which exists in cytoplasmic and inner-membrane mitochondrial forms, GOT1 and GOT2, respectively. GOT plays a role in amino acid metabolism and the urea and tricarboxylic acid cycles. The two enzymes are homodimeric and show close homology.
	Cellular Localization: Mitochondrion matrix , Cell membrane
Molecular Weight:	48 kDa
Gene ID:	2806
Pathways:	Monocarboxylic Acid Catabolic Process
Application Details	
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: HepG2 , Neuro2A , rat lung
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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Immunohistochemistry

Image 1. IHC-P Image GOT2 antibody detects GOT2 protein at cytoplasm in mouse brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. GOT2 antibody, diluted at 1:500.



Western Blotting

Image 2. WB Image GOT2 antibody detects GOT2 protein by Western blot analysis. A. 50 µg rat lung lysate/extract 10 % SDS-PAGE GOT2 antibody , dilution: 1:1000

Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using GOT2, antibody at 1:500 dilution.

Please check the product details page for more images. Overall 8 images are available for ABIN2855229.

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