

Datasheet for ABIN7429397

anti-GAPDH antibody (AA 56-284)

5 Images



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Overview

Quantity:	100 µL
Target:	GAPDH
Binding Specificity:	AA 56-284
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAPDH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)
Immunogen:	Recombinant Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) corresponding to Gly56~Phe284 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GAPDH. It has been selected for its ability to recognize GAPDH in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

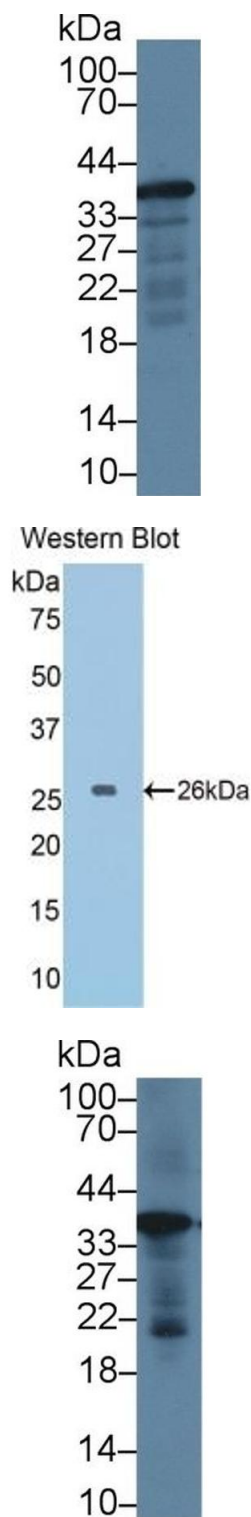
Target:	GAPDH
Alternative Name:	GAPDH (GAPDH Products)
Background:	G3PD, GAPD, Peptidyl-cysteine S-nitrosylase GAPDH
UniProt:	P16858

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 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 accelerated 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 expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which 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 without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of GAPDH in Human HepG2 cell lysate using Polyclonal Antibody to Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)

Western Blotting

Image 2. Detection of Recombinant GAPDH, Mouse using Polyclonal Antibody to Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)

Western Blotting

Image 3. Detection of GAPDH in Mouse Spleen lysate using Polyclonal Antibody to Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7429397.