

Datasheet for ABIN7426391
anti-GAPDH antibody (AA 2-148)[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	GAPDH
Binding Specificity:	AA 2-148
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GAPDH antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)
Immunogen:	Recombinant Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) corresponding to Gly2~Ser148 with N-terminal His Tag
Clone:	E3
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against GAPDH. It has been selected for its ability to recognize GAPDH in immunohistochemical staining and western blotting.
Cross-Reactivity:	Chicken, Cow, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Purification:	Protein A + Protein G affinity chromatography

Target Details

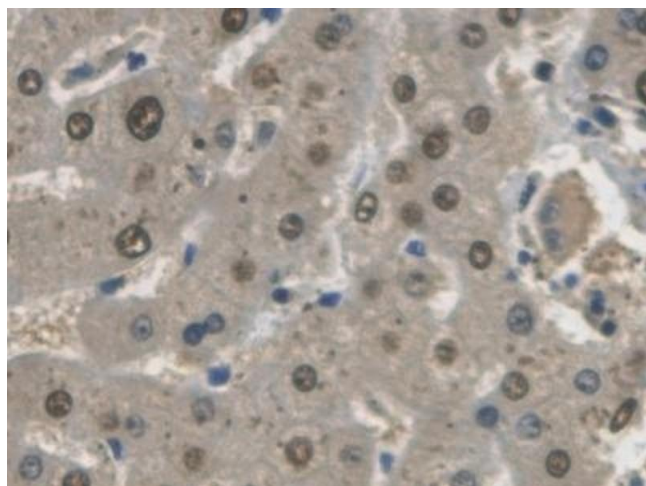
Target:	GAPDH
Alternative Name:	Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH Products)
Background:	G3PD, GAPD, Peptidyl-cysteine S-nitrosylase GAPDH

Application Details

Application Notes:	Western blotting: 0.0001-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 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

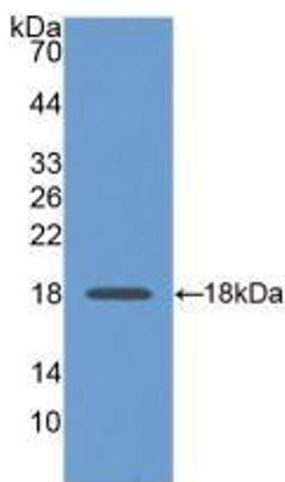
Handling

Format:	Liquid
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



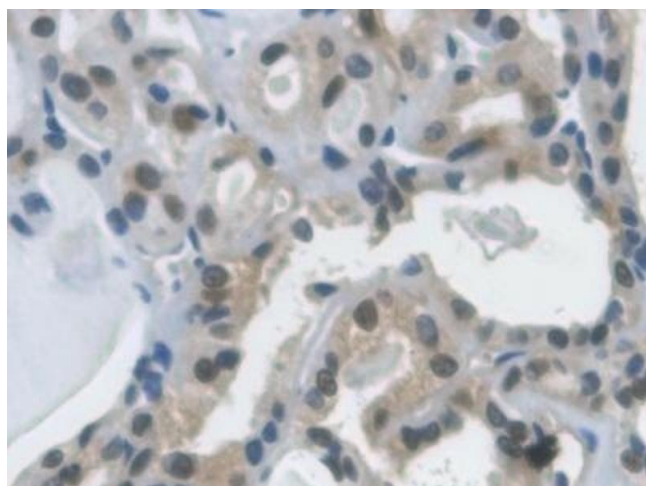
Immunohistochemistry

Image 1. Detection of GAPDH in Human Liver Tissue using Monoclonal Antibody to Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)



Western Blotting

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



Immunohistochemistry

Image 3. Detection of GAPDH in Human Thyroid cancer Tissue using Monoclonal Antibody to Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7426391.