



Datasheet for ABIN7429409
anti-ALT antibody (AA 367-480)



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6 Images

Overview

Quantity:	100 µL
Target:	ALT
Binding Specificity:	AA 367-480
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Polyclonal Antibody to Alanine Aminotransferase (ALT)
Immunogen:	Recombinant Alanine Aminotransferase (ALT) corresponding to Pro367~Leu480 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ALT. It has been selected for its ability to recognize ALT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

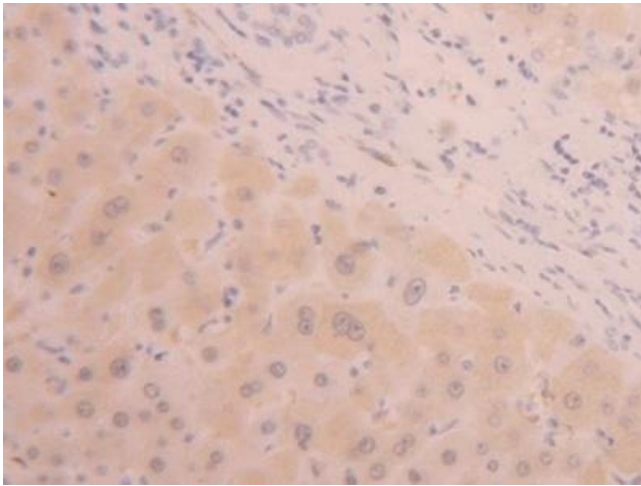
Target:	ALT
Alternative Name:	Alanine Aminotransferase (ALT Products)
Background:	GPT, ALAT, SGPT, AAT1, GPT1, Serum Glutamic Pyruvic Transaminase, Alanine Transaminase, Glutamate pyruvate transaminase 1, Glutamic--alanine transaminase 1

Application Details

Application Notes:	Western blotting: 0.5-2 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

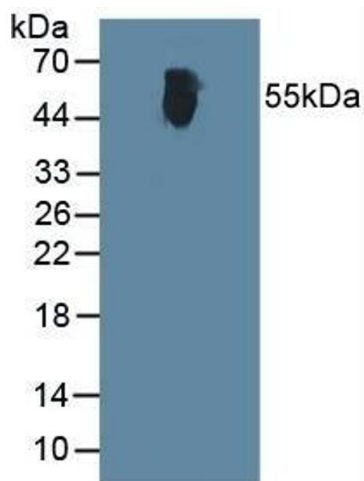
Handling

Format:	Liquid
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



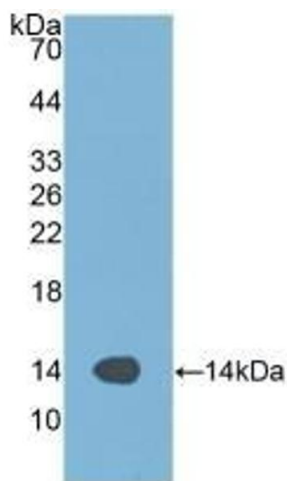
Immunohistochemistry

Image 1. Detection of ALT in Human Liver Tissue using Polyclonal Antibody to Alanine Aminotransferase (ALT)



Western Blotting

Image 2. Detection of ALT in Human Serum using Polyclonal Antibody to Alanine Aminotransferase (ALT)



Western Blotting

Image 3. Detection of Recombinant ALT, Human using Polyclonal Antibody to Alanine Aminotransferase (ALT)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7429409.