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Datasheet for ABIN7425764
anti-ALT antibody (AA 255-492)

4 Images

Overview

Quantity:	100 µL
Target:	ALT
Binding Specificity:	AA 255-492
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ALT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Alanine Aminotransferase (ALT)
Immunogen:	Recombinant Alanine Aminotransferase (ALT) corresponding to Ile255~Thr492 with N-terminal His Tag
Clone:	11#-7
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against ALT. It has been selected for its ability to recognize ALT in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

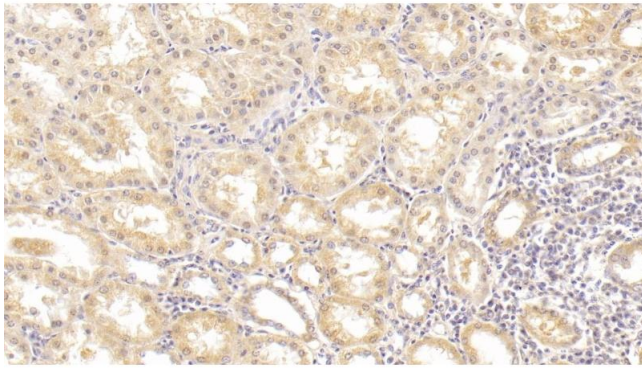
Target:	ALT
Alternative Name:	Alanine Aminotransferase (ALT Products)
Background:	GPT, ALAT, SGPT, AAT1, GPT1, Serum Glutamic Pyruvic Transaminase, Alanine Transaminase, Glutamate pyruvate transaminase 1, Glutamic--alanine transaminase 1

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

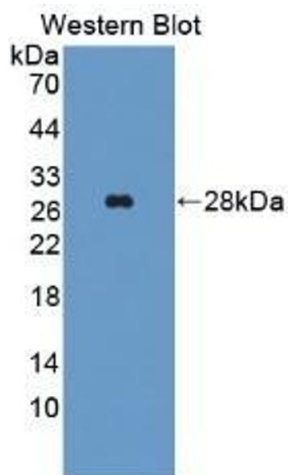
Handling

Format:	Liquid
Buffer:	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 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



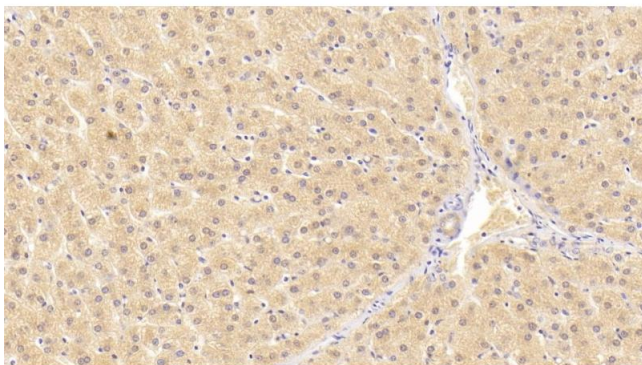
Immunohistochemistry

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



Western Blotting

Image 2. Detection of Recombinant ALT, Human using Monoclonal Antibody to Alanine Aminotransferase (ALT)



Immunohistochemistry

Image 3. Detection of ALT in Human Liver Tissue using Monoclonal Antibody to Alanine Aminotransferase (ALT)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7425764.