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Datasheet for ABIN391678

anti-ALT antibody (N-Term)

2 Images

Overview

Quantity:	400 µL
Target:	ALT
Binding Specificity:	AA 86-112, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALT antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This GPT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 86-112 amino acids from the N-terminal region of human GPT.
Clone:	RB18224
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	ALT
Alternative Name:	GPT (ALT Products)

Target Details

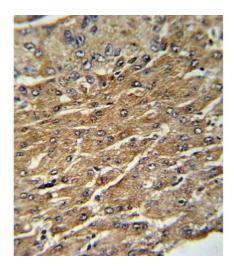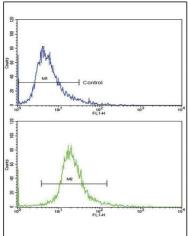|	
Background:	GPT(Glutamate-pyruvate transaminase), also known as alanine aminotransferase, catalyzes the reversible conversion of L-alanine and alpha-ketoglutarate to L-glutamate and pyruvate. This protein has 2 distinct molecular and genetic forms: one cytoplasmic (soluble) (GPT1) and one mitochondrial (GPT2). See ALTQTL1 and ALTQTL2 for information on quantitative trait loci influencing the plasma level of alanine aminotransferase.
Molecular Weight:	54637
Gene ID:	2875
NCBI Accession:	NP_005300
UniProt:	P24298

Application Details

Application Notes:	IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Images

Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma with GPT Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Flow Cytometry

Image 2. Flow cytometric analysis of 293 cells using GPT Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.