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Datasheet for ABIN7433060 anti-ITGB1 antibody (AA 140-383)

6 Images



Overview

Quantity:	100 µL
Target:	ITGB1
Binding Specificity:	AA 140-383
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Integrin Beta 1 (ITGb1)
Immunogen:	Recombinant Integrin Beta 1 (ITGb1) corresdonding to Asp140~Ile383 with N-terminal His and GST Tag
lsotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ITGb1. It has been selected for its ability to recognize ITGb1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details

Target:	ITGB1
Alternative Name:	Integrin Beta 1 (ITGB1 Products)
Background:	CD29, MSK12, ITG-B1, FNRB, GPIIA, MDF2, MSK12, VLAB, Fibronectin Receptor Beta Polypeptide, Antigen CD29 Includes MDF2, Glycoprotein IIa, VLA-4 subunit beta
Pathways:	Cell-Cell Junction Organization, Regulation of G-Protein Coupled Receptor Protein Signaling, CXCR4-mediated Signaling Events, Signaling of Hepatocyte Growth Factor Receptor, Integrin Complex, SARS-CoV-2 Protein Interactome

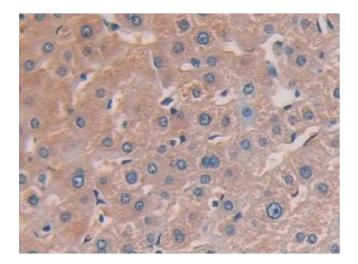
Application Details

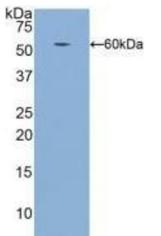
Application Notes:	Western blotting: 0.5-3 µg/mL
	Immunohistochemistry: 5-30 µg/mL
	Immunocytochemistry: 5-30 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37 $^\circ C$ 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

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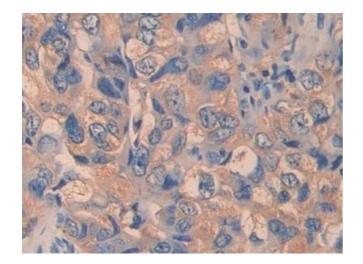


Immunohistochemistry

Image 1. Detection of ITGb1 in Human Liver Tissue using Polyclonal Antibody to Integrin Beta 1 (ITGb1)

Western Blotting

Image 2. Detection of Recombinant ITGb1, Human using Polyclonal Antibody to Integrin Beta 1 (ITGb1)



Immunohistochemistry

Image 3. Detection of ITGb1 in Human Breast cancer Tissue using Polyclonal Antibody to Integrin Beta 1 (ITGb1)

Please check the product details page for more images. Overall 6 images are available for ABIN7433060.

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