

Datasheet for ABIN389290
anti-ITGB1BP3 antibody (N-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	ITGB1BP3
Binding Specificity:	AA 27-55, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGB1BP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ITGB1BP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-55 amino acids from the N-terminal region of human ITGB1BP3.
Clone:	RB15064
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	ITGB1BP3
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Target Details

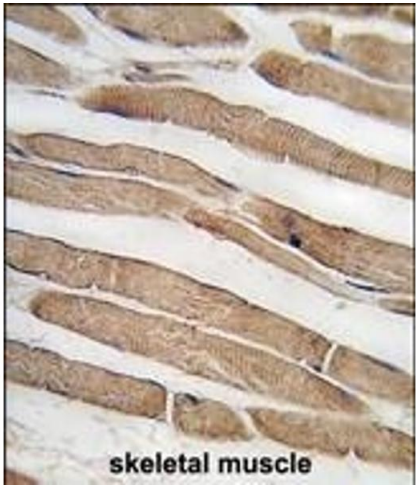
Alternative Name:	ITGB1BP3 (ITGB1BP3 Products)
Background:	ITGB1BP3 catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN). The protein reduces laminin matrix deposition and cell adhesion to laminin, but not to fibronectin. It is involved in the regulation of PXN at the protein level and of PXN tyrosine phosphorylation and may play a role in the regulation of terminal myogenesis.
Molecular Weight:	26046
Gene ID:	27231
NCBI Accession:	NP_733778
UniProt:	Q9NPI5
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

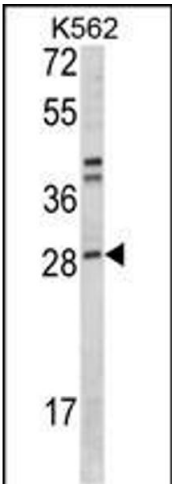
Handling

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with ITGB1BP3 antibody (N-term) (ABIN389290 and ABIN2839411) , 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.



Western Blotting

Image 2. Western blot analysis of ITGB1BP3 Antibody (N-term) (ABIN389290 and ABIN2839411) in K562 cell line lysates (35 µg/lane). ITGB1BP3 (arrow) was detected using the purified Pab.