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Datasheet for ABIN2775549

## anti-ITGB1BP3 antibody (Middle Region)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	ITGB1BP3
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Horse, Pig, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGB1BP3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ITGB1BP3
Sequence:	YKPLVDLYSR RYFLTPYEE CKWRRSTRNY TVPDPGLFD GHVWPMYQKY
Predicted Reactivity:	Cow: 79%, Horse: 86%, Human: 100%, Pig: 93%, Rat: 93%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against ITGB1BP3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### Target Details

Target:	ITGB1BP3
Alternative Name:	ITGB1BP3 ( <a href="#">ITGB1BP3 Products</a> )

## Target Details

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Background:	ITGB1BP3 catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN).ITGB1BP3 reduces laminin matrix deposition and cell adhesion to lami Alias Symbols: MGC126624, MIBP, NRK2, ITGB1BP3 Protein Interaction Partner: APP, IGF2, LRP12, SAT1, ITGB1, CDKN1A, ST7, Protein Size: 230
Molecular Weight:	26 kDa
Gene ID:	27231
NCBI Accession:	<a href="#">NM_170678</a> , <a href="#">NP_733778</a>
UniProt:	<a href="#">Q9NPI5</a>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

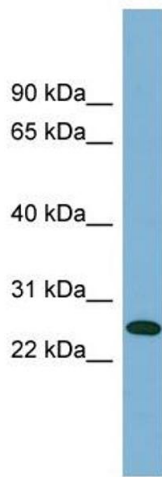
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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 230 AA
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

**Image 1.** WB Suggested Anti-ITGB1BP3 Antibody Titration:  
0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human  
Thymus