10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ITGB1BP3 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2791c

Specification

ITGB1BP3 Antibody (Center) - Product Information

Application	**WB, FC,E**
Primary Accession	Q9NPI5
Other Accession	NP_733778.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**26046**
Antigen Region	**156-186**

ITGB1BP3 Antibody (Center) - Additional Information

Gene ID 27231

Other Names
Nicotinamide riboside kinase 2, NRK 2, NmR-K 2, Integrin beta-1-binding protein 3, Muscle integrin-binding protein, MIBP, Nicotinic acid riboside kinase 2, Ribosylnicotinamide kinase 2, RNK 2, Ribosylnicotinic acid kinase 2, NMRK2, ITGB1BP3, NRK2

Target/Specificity
This ITGB1BP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 156-186 amino acids from the Central region of human ITGB1BP3.

Dilution
WB~~1:1000
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ITGB1BP3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ITGB1BP3 Antibody (Center) - Protein Information

Name NMRK2

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Synonyms ITGB1BP3, NRK2

Function Catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN). Reduces laminin matrix deposition and cell adhesion to laminin, but not to fibronectin. Involved in the regulation of PXN at the protein level and of PXN tyrosine phosphorylation. May play a role in the regulation of terminal myogenesis.

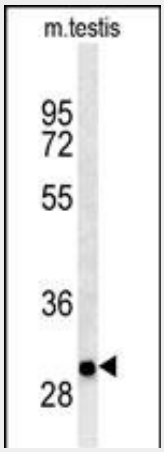
Tissue Location
Predominantly expressed in skeletal muscle and, at a much lower level, in the heart (at protein level). No expression in brain, kidney, liver, lung, pancreas nor placenta

ITGB1BP3 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

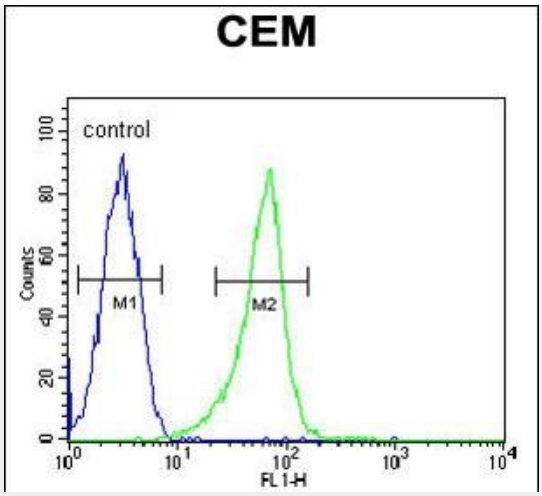
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ITGB1BP3 Antibody (Center) - Images



ITGB1BP3 Antibody (Center) (Cat. #AP2791c) western blot analysis in mouse testis tissue lysates (35ug/lane).This demonstrates ITGB1BP3 antibody detected ITGB1BP3 protein (arrow).

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



ITGB1BP3 Antibody (Center) (Cat. #AP2791c) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ITGB1BP3 Antibody (Center) - References

Bieganowski, P., et al. Cell 117(4):495-502(2004)
Li, J., et al. Dev. Biol. 261(1):209-219(2003)
Battle, M.A., et al. Biochemistry 42(24):7270-7282(2003)
Li, J., et al. J. Cell Biol. 147(7):1391-1398(1999)