

Product datasheet for **AP12439PU-N**

ITGB1BP3 (NMRK2) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	ELISA: 1/1,000. Immunohistochemistry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-term region of human ITGB1BP3.
Specificity:	This antibody detects ITGB1BP3 (N-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	nicotinamide riboside kinase 2
Database Link:	Entrez Gene 27231 Human Q9NPI5



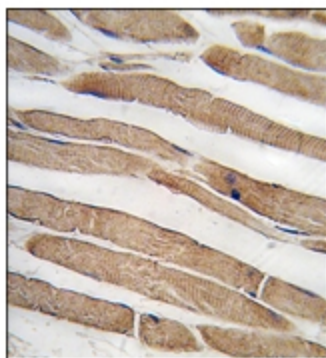
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Background: ITGB1BP3 catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN). The protein reduces laminin matrix deposition and 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.

Synonyms: Nicotinamide riboside kinase 2, NmR-K2, RNK2, MIBP

Note: **Molecular weight:** 26046 Da

Product images:



Formalin-fixed and paraffin-embedded human skeletal muscle tissue reacted with ITGB1BP3 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.