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

ITGB1BP2 Rabbit pAb

Catalog # AP97480

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9UKP3
Other Accession	Q9UKP3
Reactivity	Rat, Mouse
Predicted	Pig, Human, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38382
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ITGB1BP2/CHORDC3
Epitope Specificity	25-110/347
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 2 CHORD domains. Contains 1 CS domain.
SUBUNIT	Interacts with beta-1 integrin subunit. This interaction is regulated by divalent cations, and it occurs only in absence of calcium.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	CHORDC3 is a muscle-specific protein that interacts with the Integrin 1 cytoplasmic domain, in the hypertrophic response to mechanical overload.

Additional Information

Gene ID	26548
Other Names	CHORDC3; ITGB1BP; MELUSIN; MSTP015; RGD1565015; ITBP2_HUMAN; ITGB1BP2; ITBP2_MOUSE; ITBP2_PIG; integrin subunit beta 1 binding protein 2; integrin beta 1 binding protein 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ITGB1BP2
Function	May play a role during maturation and/or organization of muscles cells.

Tissue Location	Expressed in skeletal and cardiac muscles but not in other tissues

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.