



Rabbit Anti-ITGB1BP2 antibody

SL8013R

Product Name:	ITGB1BP2
Chinese Name:	整合素β1Binding protein2抗体
Alias:	CHORDC3; Integrin beta 1 binding protein (melusin) 2; integrin beta 1 binding protein 2; ITGB1BP; MELUSIN; MGC119214; ITGB1BP2/CHORDC3; MSTP015; ITBP2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	38kDa
Cellular localization:	The nucleuscytoplasmicExtracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ITGB1BP2/CHORDC3:25-110/347
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	CHORDC3 is a muscle-specific protein that interacts with the Integrin 1 cytoplasmic domain, in the hypertrophic response to mechanical overload. Function:

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

Subunit:

Interacts with beta-1 integrin subunit. This interaction is regulated by divalent cations, and it occurs only in absence of calcium.

Tissue Specificity:

Expressed in skeletal and cardiac muscles but not in other tissues.

Similarity:

Contains 2 CHORD domains.

Contains 1 CS domain.

SWISS:

Q9UKP3

Gene ID:

26548

Database links:

[Entrez Gene: 26548](#)Human

[Entrez Gene: 26549](#)Mouse

[Entrez Gene: 613129](#)Pig

[Entrez Gene: 317258](#)Rat

[Oimim: 300332](#)Human

[SwissProt: Q9UKP3](#)Human

[SwissProt: Q9R000](#)Mouse

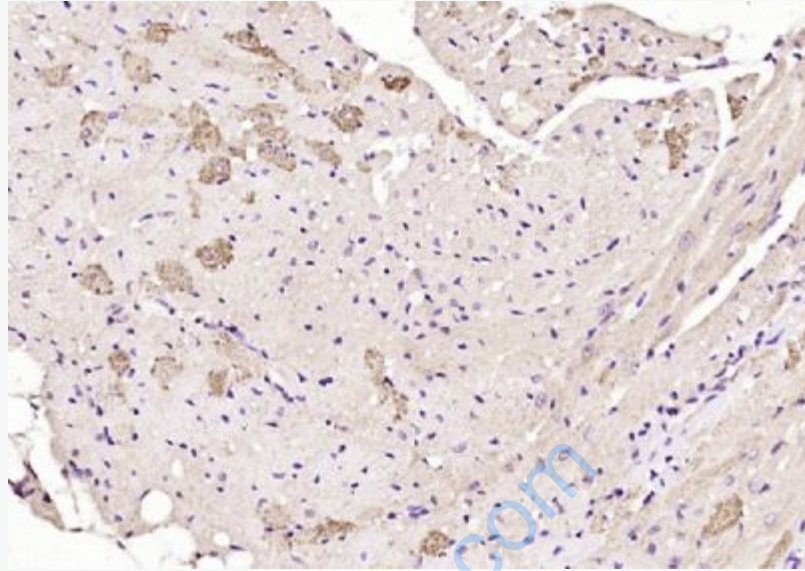
[SwissProt: Q462R2](#)Pig

[Unigene: 109999](#)Human

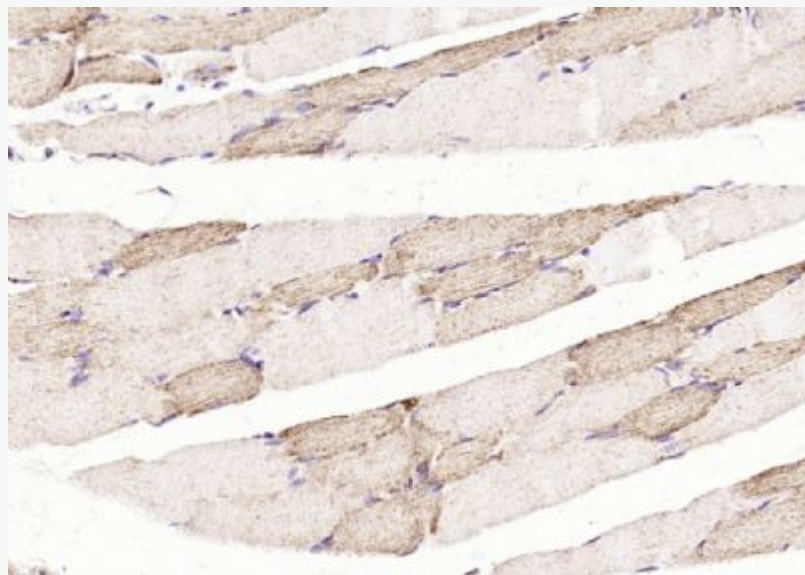
[Unigene: 46232](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Paraformaldehyde-fixed, paraffin embedded (mouse heart); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ITGB1BP2) Polyclonal Antibody, Unconjugated (SL8013R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ITGB1BP2) Polyclonal Antibody, Unconjugated (SL8013R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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