



ITA10 Polyclonal Antibody

Catalog No	YP-Ab-06636
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	ITGA10 UNQ468/PRO827
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ITA10 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ITA10;ITGA10 UNQ468/PRO827;Integrin alpha-10
Observed Band	128kD
Calculated Molecular Weight	128kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Widely expressed with highest expression in muscle and heart. Found in articular cartilage.
Function	domain:The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.,function:Integrin alpha-10/beta-1 is a receptor for collagen.,similarity:Belongs to the integrin alpha chain family.,similarity:Contains 1 VWFA domain.,similarity:Contains 7 FG-GAP repeats.,subunit:Heterodimer of an alpha and a beta subunit. Alpha-10 associates with beta-1.,tissue specificity:Widely expressed with highest expression in muscle and heart. Found in articular cartilage.,
Background	Integrins are integral transmembrane glycoproteins composed of noncovalently linked alpha and beta chains. They participate in cell adhesion as well as cell-surface mediated signalling. This gene encodes an integrin alpha chain and is expressed at high levels in chondrocytes, where it is transcriptionally regulated



by AP-2epsilon and Ets-1. The protein encoded by this gene binds to collagen. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images