

ITA10 Polyclonal Antibody

Catalog No :	YN1769
Reactivity :	Human
Applications :	WB;ELISA
Target :	ITA10
Fields :	>>PI3K-Akt signaling pathway;>>Focal adhesion;>>ECM-receptor interaction;>>Regulation of actin cytoskeleton;>>Human papillomavirus infection;>>Hypertrophic cardiomyopathy;>>Arrhythmogenic right ventricular cardiomyopathy;>>Dilated cardiomyopathy
Gene Name :	ITGA10 UNQ468/PRO827
Protein Name :	Integrin alpha-10
Human Gene Id :	8515
Human Swiss Prot No :	O75578
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
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 128kD

Cell Pathway : Focal adhesion;ECM-receptor interaction;Regulates Actin and Cytoskeleton;Hypertrophic cardiomyopathy (HCM);Arrhythmogenic right ventricular cardiomyopathy (ARVC);Dilated cardiomyopathy;

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],

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.,

Subcellular Location : Membrane; Single-pass type I membrane protein.

Expression : Widely expressed with highest expression in muscle and heart. Found in articular cartilage.

Products Images