

## ITB6 Polyclonal Antibody

<b>Catalog No :</b>	YN1770
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	ITB6
<b>Fields :</b>	>>PI3K-Akt signaling pathway;>>Focal adhesion;>>ECM-receptor interaction;>>Regulation of actin cytoskeleton;>>Human papillomavirus infection;>>Hypertrophic cardiomyopathy;>>Arrhythmogenic right ventricular cardiomyopathy;>>Dilated cardiomyopathy
<b>Gene Name :</b>	ITGB6
<b>Protein Name :</b>	Integrin beta-6
<b>Human Gene Id :</b>	3694
<b>Human Swiss Prot No :</b>	P18564
<b>Mouse Swiss Prot No :</b>	Q9Z0T9
<b>Rat Swiss Prot No :</b>	Q6AYF4
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein
<b>Specificity :</b>	ITB6 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	86kD
<b>Cell Pathway :</b>	Focal adhesion;ECM-receptor interaction;Regulates Actin and Cytoskeleton;Hypertrophic cardiomyopathy (HCM);Arrhythmogenic right ventricular cardiomyopathy (ARVC);Dilated cardiomyopathy;
<b>Background :</b>	This gene encodes a protein that is a member of the integrin superfamily. Members of this family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms a dimer with an alpha v chain and this heterodimer can bind to ligands like fibronectin and transforming growth factor beta 1. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013],
<b>Function :</b>	function:Integrin alpha-V/beta-6 is a receptor for fibronectin and cytotactin. It recognizes the sequence R-G-D in its ligands.,similarity:Belongs to the integrin beta chain family.,similarity:Contains 1 VWFA domain.,subunit:Heterodimer of an alpha and a beta subunit. Beta-6 associates with alpha-V. Interacts with FLNB. Alpha-V/beta-6 binds to foot-and-mouth disease virus (FMDV) VP1 protein, coxsackievirus A9, coxsackievirus B1 capsid proteins and acts as a receptor for these viruses.,
<b>Subcellular Location :</b>	Membrane; Single-pass type I membrane protein. Cell junction, focal adhesion .
<b>Expression :</b>	Keratinocyte,Pancreas,Skeletal muscle,
<b>Sort :</b>	19669
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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