

ITB8 Polyclonal Antibody

Catalog No :	YN1771
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	ITB8
Fields :	>>PI3K-Akt signaling pathway;>>Focal adhesion;>>ECM-receptor interaction;>>Cell adhesion molecules;>>Regulation of actin cytoskeleton;>>Human papillomavirus infection;>>Hypertrophic cardiomyopathy;>>Arrhythmogenic right ventricular cardiomyopathy;>>Dilated cardiomyopathy
Gene Name :	ITGB8
Protein Name :	Integrin beta-8
Human Gene Id :	3696
Human Swiss Prot No :	P26012
Immunogen :	Synthesized peptide derived from part region of human protein
Specificity :	ITB8 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 :	84kD
Cell Pathway :	Focal adhesion;ECM-receptor interaction;Cell adhesion molecules (CAMs);Regulates Actin and Cytoskeleton;Hypertrophic cardiomyopathy (HCM);Arrhythmogenic right ventricular cardiomyopathy (ARVC);Dilated
Background :	This gene is a member of the integrin beta chain family and encodes a single-pass type I membrane protein with a VWFA domain and four cysteine-rich repeats. This protein noncovalently binds to an alpha subunit to form a heterodimeric integrin complex. In general, integrin complexes mediate cell-cell and cell-extracellular matrix interactions and this complex plays a role in human airway epithelial proliferation. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008],
Function :	function:Integrin alpha-V/beta-8 is a receptor for fibronectin.,similarity:Belongs to the integrin beta chain family.,similarity:Contains 1 VWFA domain.,subunit:Heterodimer of an alpha and a beta subunit. Beta-8 associates with alpha-V.,tissue specificity:Placenta, kidney, brain, ovary, uterus and in several transformed cells. Transiently expressed in 293 human embryonic kidney cells.,
Subcellular Location :	Cell membrane ; Single-pass type I membrane protein .
Expression :	Placenta, kidney, brain, ovary, uterus and in several transformed cells. Transiently expressed in 293 human embryonic kidney cells.
Sort :	19670
Host :	Rabbit
Modifications :	Unmodified

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