

---

**Product Name: Integrin  $\beta$ 5 Rabbit Polyclonal Antibody****Catalog #: APRab12682**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat,Monkey
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:10000-1:20000
<b>Molecular Weight</b>	88kDa

**Antigen Information**

<b>Gene Name</b>	ITGB5
<b>Alternative Names</b>	ITGB5; Integrin beta-5
<b>Gene ID</b>	3693.0
<b>SwissProt ID</b>	P18084
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Integrin beta5. AA range:721-770

**Background**

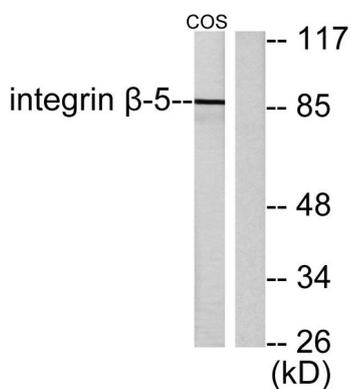
function: Integrin alpha-V/beta-5 is a receptor for fibronectin. It recognizes the sequence R-G-D in its ligand.,similarity:Belongs

to the integrin beta chain family.,similarity:Contains 1 PSI domain.,similarity:Contains 1 VWFA domain.,subunit:Heterodimer of an alpha and a beta subunit. Beta-5 associates with alpha-V.,function:Integrin alpha-V/beta-5 is a receptor for fibronectin. It recognizes the sequence R-G-D in its ligand.,similarity:Belongs to the integrin beta chain family.,similarity:Contains 1 PSI domain.,similarity:Contains 1 VWFA domain.,subunit:Heterodimer of an alpha and a beta subunit. Beta-5 associates with alpha-V.,

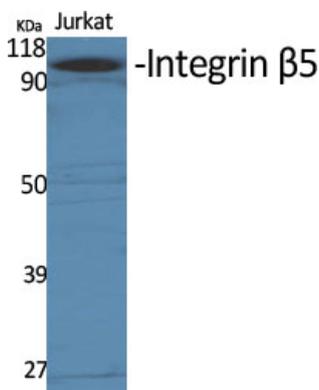
## Research Area

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

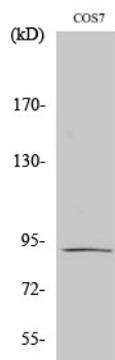
## Image Data



Western blot analysis of lysates from COS7 cells, using Integrin beta5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Integrin beta5 Polyclonal Antibody diluted at 1: 1000



Western Blot analysis of COS7 cells using Integrin beta5 Polyclonal Antibody diluted at 1: 1000

