

Integrin α 5 Rabbit pAb

CatalogNo: YT5589

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 115kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC: 1:100-1:300

ELISA 1:10000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the Internal region of human ITGA5. AA range: 561-610

Specificity

Integrin α 5 Polyclonal Antibody detects endogenous levels of Integrin α 5 protein.

Target Information

Gene name	ITGA5		
Protein Name	Integrin alpha-5		
	Organism	Gene ID	UniProt ID
	Human	3678 ;	P08648 ;
	Mouse	16402 ;	P11688 ;
Cellular Localization	Membrane; Single-pass type I membrane protein. Cell junction, focal adhesion . Cell surface .		
Tissue specificity	Liver,Placenta,		
Function	Function:Integrin alpha-5/beta-1 is a receptor for fibronectin and fibrinogen. It recognizes the sequence R-G-D in its ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.,similarity:Belongs to the integrin alpha chain family.,similarity:Contains 7 FG-GAP repeats.,subunit:Heterodimer of an alpha and a beta subunit. The alpha subunit is composed of an heavy and a light chain linked by a disulfide bond. Alpha-5 associates with beta-1. Interacts with HPS5 and NISCH. Interacts with HIV-1 Tat. Interacts with RAB21.,		

| Validation Data

| Contact information

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Please scan the QR code to access additional product information:

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