

## Integrin $\alpha$ V Rabbit pAb

CatalogNo: YT2365

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 135kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**ELISA 1:20000**

**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 human Integrin  $\alpha$ V. AA range: 755-804

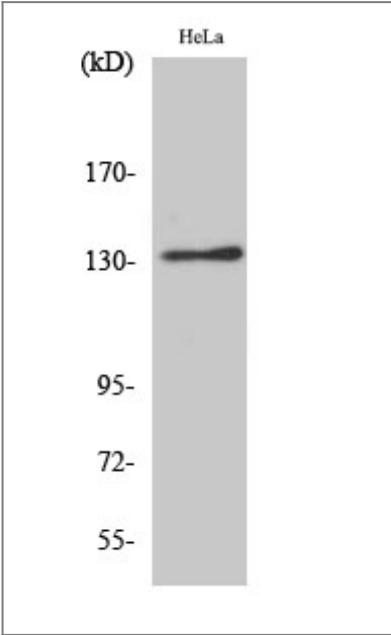
#### Specificity

Integrin  $\alpha$ V Polyclonal Antibody detects endogenous levels of Integrin  $\alpha$ V protein.

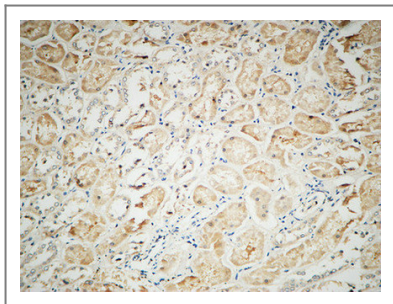
### Target Information

Gene name	ITGAV		
Protein Name	Integrin alpha-V		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">3685</a> ;	<a href="#">P06756</a> ;
	Mouse	<a href="#">16410</a> ;	<a href="#">P43406</a> ;
Cellular Localization	Cell membrane; Single-pass type I membrane protein. Cell junction, focal adhesion .		
Tissue specificity	Aortic endothelium,Liver,Pooled,Testis,		
Function	Function:The alpha-V integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. They recognize the sequence R-G-D in a wide array of 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-V associates with either beta-1, beta-3, beta-5, beta-6 or beta-8 subunit. Interacts with HIV-1 Tat. Alpha-V/beta-6 binds to foot-and-mouth disease virus (FMDV) VP1 protein and acts as a receptor for this virus (By similarity). Alpha-V/beta-6 binds to coxsackievirus A9 and coxsackievirus B1 capsid proteins and acts as a receptor for these viruses.,		

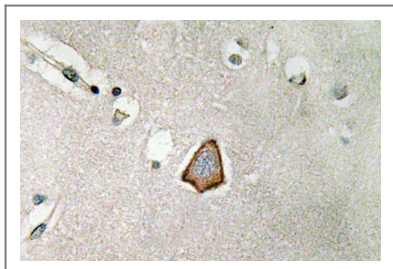
| Validation Data



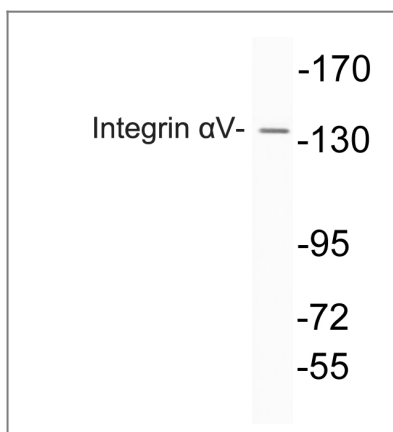
Western Blot analysis of various cells using Integrin αV Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemistry analysis of Integrin αV antibody in paraffin-embedded human brain tissue.



Western blot analysis of lysate from HeLa cells, using Integrin αV antibody.

## Contact information

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Please scan the QR code to access additional product information:  
**Integrin αV Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)