

## **Vimentin Polyclonal Antibody**

Catalog # AP73064

### **Specification**

## **Vimentin Polyclonal Antibody - Product Information**

Application WB
Primary Accession P08670
Reactivity Human
Host Rabbit
Clonality Polyclonal

## **Vimentin Polyclonal Antibody - Additional Information**

**Gene ID 7431** 

Other Names VIM; Vimentin

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

#### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** 

-20°C

## **Vimentin Polyclonal Antibody - Protein Information**

Name VIM (HGNC:12692)

#### **Function**

Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally. Plays a role in cell directional movement, orientation, cell sheet organization and Golgi complex polarization at the cell migration front (By similarity). Protects SCRIB from proteasomal degradation and facilitates its localization to intermediate filaments in a cell contact-mediated manner (By similarity).

### **Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton. Nucleus matrix {ECO:0000250|UniProtKB:P31000}. Cell membrane {ECO:0000250|UniProtKB:P20152}

#### **Tissue Location**

Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.

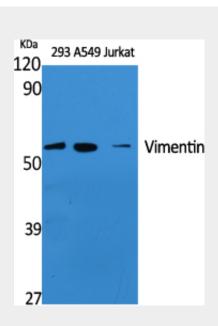


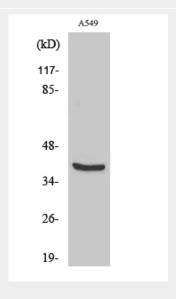
# **Vimentin Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

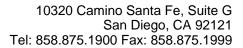
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **Vimentin Polyclonal Antibody - Images**





**Vimentin Polyclonal Antibody - Background** 





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