

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.

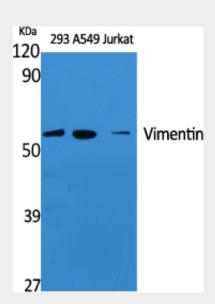


Vimentin Polyclonal Antibody - Protocols

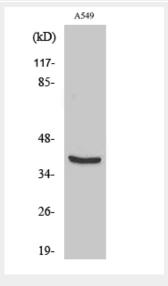
Provided below are standard protocols that you may find useful for product applications.

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

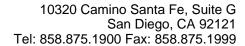
Vimentin Polyclonal Antibody - Images



Western Blot analysis of various cells using Vimentin Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western Blot analysis of Jurkat cells using Vimentin Polyclonal Antibody. Secondary antibody was diluted at 1:20000





Vimentin Polyclonal Antibody - Background

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