

Vimentin (phospho Ser56) Polyclonal Antibody

Catalog # AP67699

Specification

Vimentin (phospho Ser56) Polyclonal Antibody - Product Information

Application WB, IHC-P
Primary Accession P08670
Reactivity Human
Host Rabbit
Clonality Polyclonal

Vimentin (phospho Ser56) Polyclonal Antibody - Additional Information

Gene ID 7431

Other Names VIM; Vimentin

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~ \sim N/A

Format

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

Storage Conditions

-20°C

Vimentin (phospho Ser56) 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



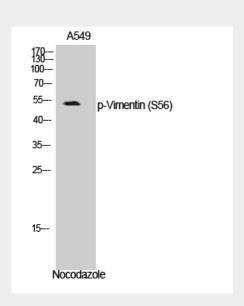
carcinoma cell lines.

Vimentin (phospho Ser56) 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
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Vimentin (phospho Ser56) Polyclonal Antibody - Images



Western Blot analysis of A549 cells using Phospho-Vimentin (S56) Polyclonal Antibody

Vimentin (phospho Ser56) Polyclonal Antibody - Background

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