

# Vimentin (phospho Ser83) Polyclonal Antibody

**Catalog # AP67698** 

### **Specification**

# Vimentin (phospho Ser83) Polyclonal Antibody - Product Information

Application WB, IHC-P Primary Accession P08670

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

# Vimentin (phospho Ser83) 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: 1/10000. 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 Ser83) 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



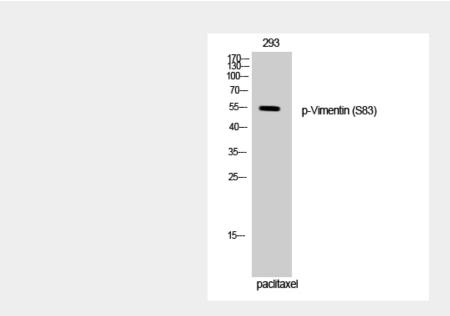
carcinoma cell lines.

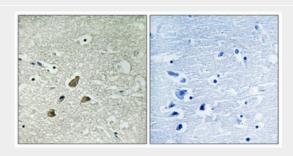
# Vimentin (phospho Ser83) Polyclonal Antibody - Protocols

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 Ser83) Polyclonal Antibody - Images





# Vimentin (phospho Ser83) Polyclonal Antibody - Background

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.