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Anti-Vimentin (pS56) Antibody

Rabbit polyclonal antibody to Vimentin (pS56)
Catalog # AP59730

Product Information

Application	WB
Primary Accession	P08670
Other Accession	P20152
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53652

Additional Information

Gene ID	7431
Other Names	Vimentin
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Vimentin. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

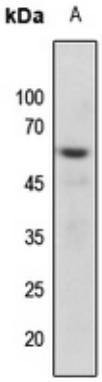
Name	VIM (HGNC:12692)
Function	Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally. Plays a role in cell directional movement, orientation, 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} Highly expressed in fibroblasts, some expression in T- and B-lymphocytes,

Tissue Location	and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.

Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Vimentin. The exact sequence is proprietary.

Images



Western blot analysis of Vimentin (pS56) expression in H1688 (A) whole cell lysates.