

Product datasheet for **AP33206SU-N**

Vimentin (VIM) (N-term) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunoblotting (Western blot): 1/2000. Immunohistochemistry on Frozen Sections: 1/100. Immunohistochemistry on Paraffin Sections: 1/50 (after microwave treatment). Cytological Material. Incubation Time: 1 h at RT extended with paraffin sections.
Reactivity:	Human, Mouse
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic N-terminus of Human Vimentin (2–17).
Specificity:	Specific detection of Vimentin (Mr 57,000 polypeptide) in cells and tissues of mesenchymal origin (e.g. fibroblasts, endothelial cells, smooth muscle cells). Tumors Specifically Detected: Sarcoma (including myosarcoma), lymphoma, melanoma.
Formulation:	State: Serum State: Liquid Stabilized Antiserum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	vimentin
Database Link:	Entrez Gene 7431 Human P08670
Background:	Vimentin is the main intermediate filament protein in mesenchymal cells. This protein is believed to be involved with the intracellular transport of proteins between the nucleus and plasma membrane. Vimentin is expressed in sarcomas of neural, muscle and fibroblast origin, but carcinomas are generally negative. Melanomas, lymphomas and vascular tumors may all stain for Vimentin.
Synonyms:	VIM



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