

anti-Human Vimentin Antibody | anti-VIME antibody

Vimentin (Phospho-Ser56) Antibody

CATALOG # AAA112029	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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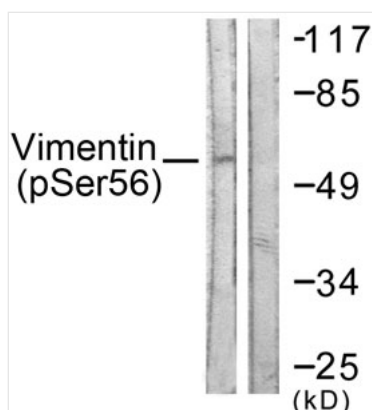
PRODUCT SYNONYMS

Vimentin; Vimentin (Phospho-Ser56) Antibody; VIME; vimentin; anti-VIME antibody

PRODUCT SPECIFICATIONS

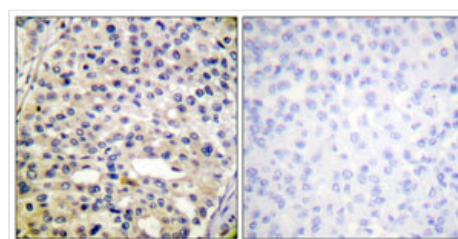
Reactivity	Human
Specificity	Vimentin (Phospho-Ser56) antibody detects endogenous levels of Vimentin only when phosphorylated at serine 56.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	466
Applicable Applications for anti-VIME antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Vimentin around the phosphorylation site of serine 56 (A-S-SP-P-G).
All Sites	Human: Ser56
Preparation and Storage	Store at -20°C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from A549 cells, treated with Nocodazole (1ug/ml, 16hours), using Vimentin (Phospho-Ser56) antibody.



Application Data

P-peptide-+Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Vimentin (Phospho-Ser56) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-VIME antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Ota T., Nat. Genet. 36:40-45(2004). Rasmussen R.K., Electrophoresis 18:588-598(1997). Gupta A.K., Gene 86:303-304(1990).

NCBI AND UNIPROT INFORMATION

NCBI GI #	62414289
NCBI GeneID	7431
NCBI Accession #	NP_003371.2
NCBI GenBank Nucleotide #	NM_003380.4
UniProt Accession #	P08670; Q15867; Q15868; Q15869; Q548L2; Q6LER9; Q8N850; Q96ML2; Q9NTM3; B0YJC2; D3DRU4
NCBI Official Full Name	vimentin
NCBI Official Synonym Full Names	vimentin
NCBI Official Symbol	VIM
NCBI Protein Information	vimentin
UniProt Protein Name	Vimentin
UniProt Gene Name	VIM

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/vime-human-antibody/vimentin/112029>