

Rabbit anti-Human Vimentin Polyclonal Antibody | anti-VIM antibody

Vimentin Rabbit anti-Human Polyclonal (C-Terminus) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162521	Rabbit	Human	Western Blot, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

Vimentin; Polyclonal Antibody; Vimentin Rabbit anti-Human Polyclonal (C-Terminus) Antibody; PathPlus Vimentin Antibody (C-Terminus); VIM; vimentin; anti-VIM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human VIM/Vimentin
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-VIM antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human Vimentin
Immunogen	Synthetic peptide from C-Terminus of human VIM (P08670, NP_003371). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Hamster, Elephant, Dog, Bovine, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus (100%); Lizard, Xenopus (92%); Bat (86%); Stickleback (84%).
Conjugation	Unconjugated
Epitope	C-Terminus
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemisry)

Vimentin Antibody-Anti-Vimentin antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



IHC (Immunohiostchemistry)

Vimentin Antibody-Anti-Vimentin antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)

Vimentin Antibody-MCF7 cell lysate. Antibody concentration: 1.0 ug/ml. Gel concentration: 12%. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-VIM antibody	Vimentin antibody is an unconjugated rabbit polyclonal antibody to Vimentin (C-Terminus) from human. It is reactive with human, mouse, rat and other species. Validated for IHC and WB. Vimentin (VIM) is an intermediate filament component of the cytoskeleton of mesenchymal cells. It is important for maintaining cell integrity and shape. Vimentin also regulates cell migration via cytoskeletal rearrangements and is involved in regulating autophagy. In immunohistochemistry, it is positive in the cytoplasm of cells of mesenchymal origin, such as lymphocytes, endothelial cells, astrocytes, epidermal Langerhans cells, macrophages, and interstitial stromal cells. In cancer, it is positive in lymphomas and stromal tumors and is helpful for identifying melanomas, schwannomas and tumors of mesenchymal origin.
References	Am J Surg Pathol. 2011;35:1722, PMID: 21997693; F1000Res. 2018 Nov 15;7. pii: F1000 Faculty Rev-1796, PMID: 30505430; PLoS One. 2019 Jan 30;14(1):e0209665, PMID: 30699149; Toxicol Pathol. 2010 Jan;38(1):131-41, PMID: 20028992

NCBI AND UNIPROT INFORMATION

NCBI GI #	62414289
NCBI GeneID	7431
NCBI Accession #	NP_003371.2
NCBI GenBank Nucleotide #	NM_003380
UniProt Accession #	P08670; Q15867; Q15868; Q15869; Q548L2; Q6LER9; Q8N850; Q96ML2; Q9NTM3; B0YJC2; D3DRU4
Molecular Weight	53,652 Da
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
UniProt Entry Name	VIME_HUMAN

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/polyclonal/vimentin-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/162521>