

Rabbit VIM Polyclonal Antibody | anti-VIM antibody

VIM antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199899	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

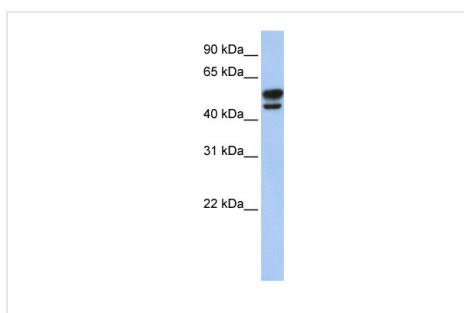
PRODUCT SYNONYMS

VIM; Polyclonal Antibody; VIM antibody - N-terminal region; anti-VIM antibody

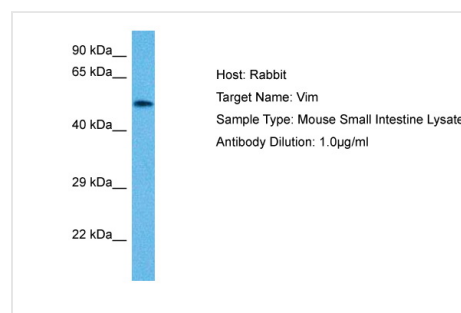
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LN DRFANYIDKV RFLEQQNKIL LAEELQLKGQ GKSRLGDLYE EEMRELRR
Sequence Length	466
Applicable Applications for anti-VIM antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human VIM
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

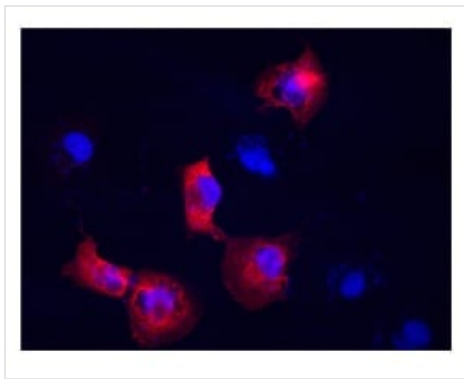
IMAGES


WB (Western Blot)

WB Suggested Anti-VIM Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain

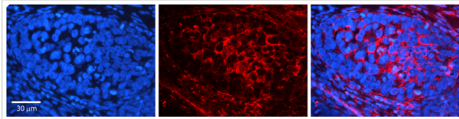

WB (Western Blot)

Host: Mouse Target Name: VIM Sample Tissue: Mouse Small Intestine Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

submitted by: Carl Lundin, Stanford University. The Vimentin antibody works well for visualization of the vimentin cytoskeleton (see attached images). We used PFA-fixed COS-7 cells and an antibody dilution of 1:400.



IHC (Immunohistochemistry)

Rabbit Anti-VIM Antibody, Formalin Fixed Paraffin Embedded Tissue: Human Ovary Tissue. Observed Staining: Cytoplasm. Primary Antibody Concentration: 1:100. Other Working Concentrations: N/A. Secondary Antibody: Donkey anti-Rabbit-Cy3. Secondary Antibody Concentration: 1:200. Magnification: 20X. Exposure Time: 0.5 - 2.0 sec.

IHC (Immunohistochemistry)

Sample Type: Human brain stem cells. Primary Antibody Dilution: 1:500. Secondary Antibody: Goat anti-rabbit Alexa-Fluor 594. Secondary Antibody Dilution: 1:1000. Color/Signal Descriptions: VIM: Red, DAPI: Blue. Gene Name: VIM. Submitted by: Dr. Yuzhi Chen, University of Arkansas for Medical Science.

ADDITIONAL INFORMATION

Related Product Information for anti-VIM antibody	This is a rabbit polyclonal antibody against VIM. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: Along with the microfilaments (actins) and microtubules (tubulins), the intermediate filaments represent a third class of well-characterized cytoskeletal elements. The subunits display a tissue-specific pattern of expression. Desmin is the subunit specific for muscle and vimentin the subunit specific for mesenchymal tissue. Along with the microfilaments (actins) and microtubules (tubulins), the intermediate filaments represent a third class of well-characterized cytoskeletal elements. The subunits display a tissue-specific pattern of expression. Desmin (MIM 125660) is the subunit specific for muscle and vimentin the subunit specific for mesenchymal tissue. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-VIM antibody	Polyclonal; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	62414289
NCBI GeneID	7431
NCBI Accession #	NP_003371
NCBI GenBank Nucleotide #	NM_003380
UniProt Accession #	P08670
Molecular Weight	54kDa
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://www.aaabiotech.com/polyclonal/vim-antibody-western-blot-immunohistochemistry-elisa/199899>