Datasheet for ABIN2783289

anti-Vimentin antibody (C-Term)

6 Images

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Overview

Quantity:	100 µL
Target:	Vimentin (VIM)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Sheep, Zebrafish (Danio rerio), Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vimentin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human VIM
Sequence:	SSLNLRETNL DSLPLVDTHS KRTLLIKTVE TRDGQVINET SQHHDDLE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against VIM. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Vimentin (VIM)

Target Details

Alternative Name:	VIM (VIM Products)
Background:	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. Alias Symbols: FLJ36605 Protein Interaction Partner: PKN1, PPL, PLA2G2A, PA2G4, KRT20, TXLNB, CWF19L2, PNMA5, UBC, TP53, CHFR, SPRTN, SUMO2, SUMO3, TRIM68, STAU1, ASB15, ASB9, ASB16, ASB2, RNF2, EEF1D, SERPINH1, COPS8, FOXK1, YWHAQ, PARK2, FBXO6, CASP7, CASP3, KAT7, UBD, PINK1, BAG3, GSK3B, PAN2, CAPN1, SVI Protein Size: 466
Molecular Weight:	54 kDa
Gene ID:	7431
NCBI Accession:	NM_003380, NP_003371
UniProt:	P08670
Pathways:	Caspase Cascade in Apoptosis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 466 AA
Restrictions:	For Research Use only

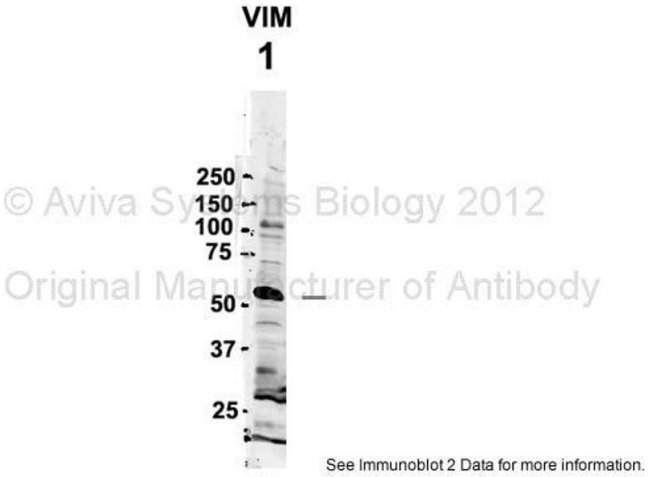
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Sample Type: 1. Human NT-2 cells (60ug)

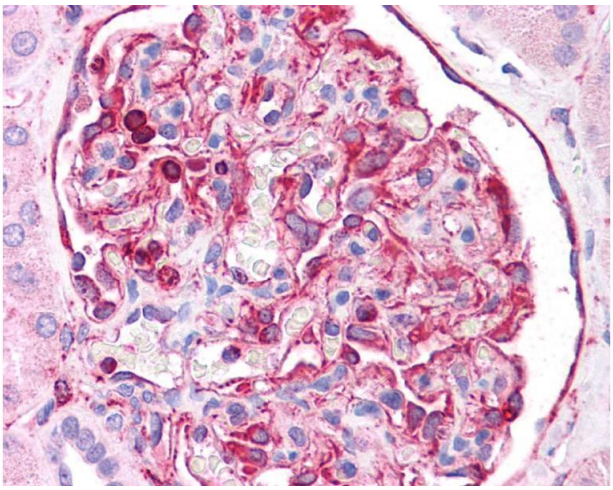
Primary Antibody Dilution: 2ug/ml

Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience

Secondary Antibody Dilution: 1: 20,000

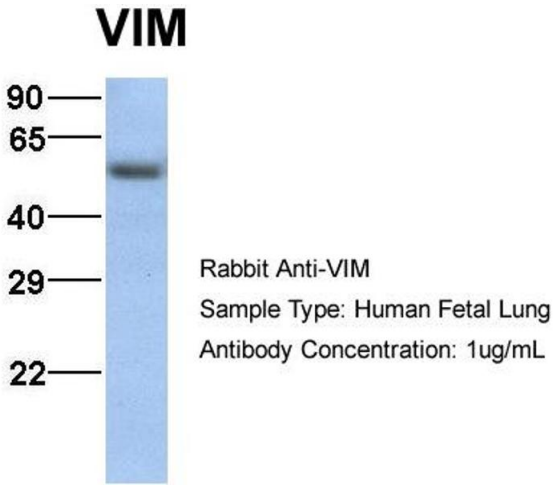
Image Submitted by: Yuzhi Chen

University of Arkansas for Medical Science



Immunohistochemistry

Image 2.



Western Blotting

Image 3. Host: Rabbit Target Name: VIM Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml

Please check the product details page for more images. Overall 6 images are available for ABIN2783289.