

Datasheet for ABIN2854814

anti-Vimentin antibody

35 Images

17 Publications

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Overview

Quantity:	100 µL
Target:	Vimentin (VIM)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vimentin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Vimentin. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Cat, Dog, Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Vimentin (vimentin) Vimentin antibody
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	Vimentin (VIM)
Alternative Name:	vimentin (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 (MIM 125660) is the subunit specific for muscle and vimentin the subunit specific for mesenchymal tissue.[supplied by OMIM]
Molecular Weight:	54 kDa
Gene ID:	7431
UniProt:	P08670
Pathways:	Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB: 1:5000-1:50000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T Validation: Comparison, KO/KD, Orthogonal, Overexpression
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.11 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Publications

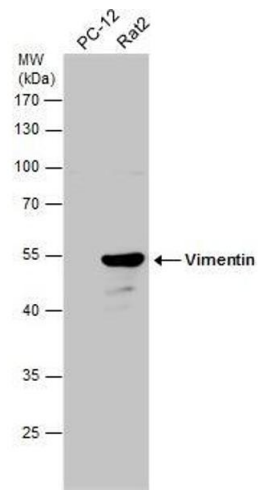
Product cited in:

Chen, Lin, Chen, Cheng, Cheng, Imai et al.: "Effect of prednisolone on glyoxalase 1 in an inbred mouse model of aristolochic acid nephropathy using a proteomics method with fluorogenic derivatization-liquid chromatography-tandem mass ..." in: **PLoS ONE**, Vol. 15, Issue 1, pp. e0227838, (2020) ([PubMed](#)).

Dawson, Biggar, Storey: "Characterization of fructose-1,6-bisphosphate aldolase during anoxia in the tolerant turtle, *Trachemys scripta elegans*: an assessment of enzyme activity, expression and structure." in: **PLoS ONE**, Vol. 8, Issue 7, pp. e68830, (2014) ([PubMed](#)).

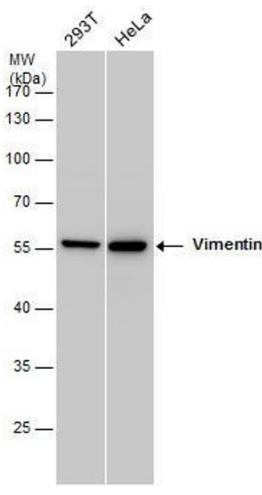
There are more publications referencing this product on: [Product page](#)

Images



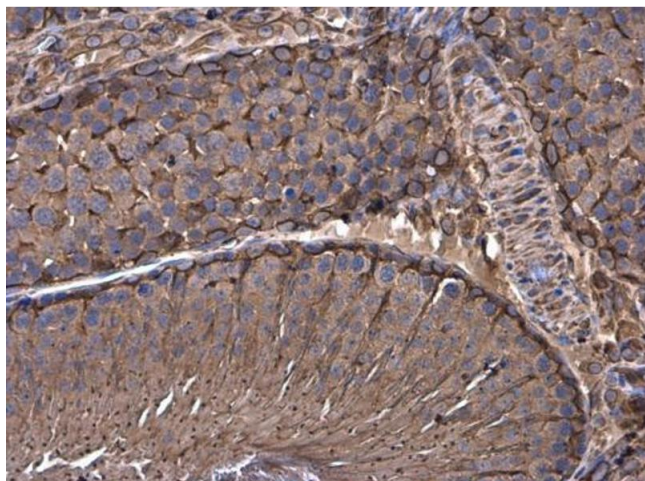
Western Blotting

Image 1. WB Image Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Vimentin antibody , diluted at 1:10000.



Western Blotting

Image 2. WB Image Vimentin antibody detects Vimentin protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Vimentin antibody , diluted at a dilution of 1:10000.



Immunohistochemistry

Image 3. IHC-P Image Vimentin antibody detects Vimentin protein at cytoplasm in rat testis by immunohistochemical analysis. Sample: Paraffin-embedded rat testis. Vimentin antibody , diluted at 1:500.

Please check the [product details page](#) for more images. Overall 35 images are available for ABIN2854814.