

VIM Antibody

Catalog No: #32733

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Description

Product Name	VIM Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total VIM protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human VIM.
Target Name	VIM
Other Names	CTRCT30;
Accession No.	Swiss-Prot:P08670NCBI Gene ID:7431
SDS-PAGE MW	54KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

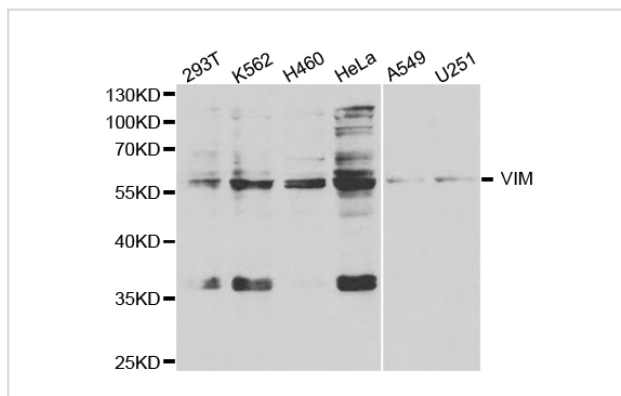
Application Details

Western blotting: 1:500 - 1:2000

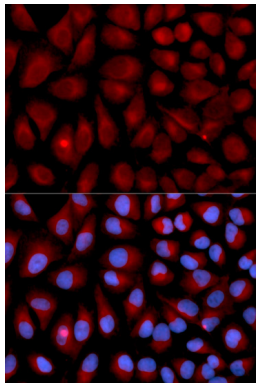
Immunohistochemistry: 1:50 - 1:200

Immunofluorescence: 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using VIM antibody.



Immunofluorescence analysis of U2OS cell using VIM antibody. Blue: DAPI for nuclear staining.

Background

This gene encodes a member of the intermediate filament family. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.