

VIM

Reactivity:Human

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:50 - 1:200

Calculated MW:54kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human VIM

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

Vimentin;

Catalog #:A2666

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:7431

Isotype:IgG

Swiss Prot:P08670

Purity:Affinity purification

For research use only.

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.[provided by RefSeq, Jun 2009]

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