

# Vimentin (Phospho-Tyr38) Polyclonal Antibody

Catalog No: #13448

Package Size: #13448-1 50ul #13448-2 100ul

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## Description

Product Name	Vimentin (Phospho-Tyr38) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB,ELISA
Species Reactivity	Human:Y38,Mouse:Y38,Rat:Y38
Specificity	The antibody detects endogenous Vimentin (Phospho-Tyr38) protein
Immunogen Description	Synthesized phospho-peptide around the phosphorylation site of human Vimentin (Phospho-Tyr38)
Other Names	VIM
Accession No.	Swiss Prot:P08670GeneID:7431
SDS-PAGE MW	51
Concentration	1 mg/ml
Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	-20°C/1

## Application Details

WB: 1:500-10000 ELISA: 1:10000

## Background

vimentin(VIM) Homo sapiens 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],

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