

# Vimentin (phospho Tyr61) Polyclonal Antibody

Catalog No: #13450

Package Size: #13450-1 50ul #13450-2 100ul

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## Description

Product Name	Vimentin (phospho Tyr61) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,ELISA
Species Reactivity	Human
Specificity	Phospho-Vimentin (Y61) Polyclonal Antibody detects endogenous levels of Vimentin protein only when phosphorylated at Y61.
Immunogen Description	Synthesized phospho-peptide around the phosphorylation site of human Vimentin (phospho Tyr61)
Other Names	VIM; Vimentin
Accession No.	Swiss Prot:P08670GeneID:7431
SDS-PAGE MW	57
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

## 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.