

Vimentin (phospho Tyr61) rabbit pAb**Cat#: orb770380 (Manual)**

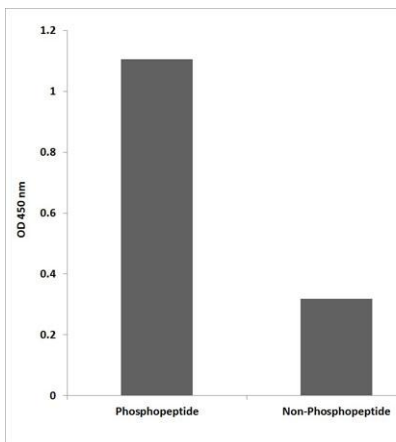
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Product Name	Vimentin (phospho Tyr61) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Vimentin (phospho Tyr61)
Specificity	Phospho-Vimentin (Y61) Polyclonal Antibody detects endogenous levels of Vimentin protein only when phosphorylated at Y61.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Vimentin
Gene Name	VIM
Cellular localization	Cytoplasm . Cytoplasm, cytoskeleton . Nucleus matrix . Cell membrane .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

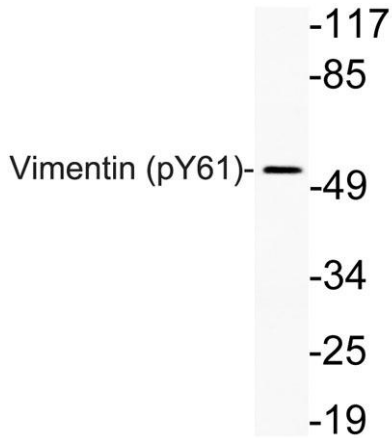
Concentration	1 mg/ml
Observed band	57kD
Human Gene ID	7431
Human Swiss-Prot Number	P08670
Alternative Names	VIM; Vimentin

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],



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Vimentin (Phospho-Tyr61) Antibody



Western blot analysis of lysate from Jurkat cells, using phospho-Vimentin (Phospho-Tyr61) antibody.