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Vimentin (Phospho-Tyr38) rabbit pAb

Cat No.:ES8459

For research use only

Overview

Product Name	Vimentin (Phospho-Tyr38) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human:Y38;Mouse:Y38;Rat:Y38
Recommended dilutions	WB: 1:500-10000 ELISA: 1:10000
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Vimentin (Phospho-Tyr38)
Specificity	This antibody detects endogenous levels of Vimentin at Human:Y38;Mouse:Y38;Rat:Y38, It doesn't reacte with total protein.
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	51kD
Human Gene ID	7431
Human Swiss-Prot Number	P08670
Alternative Names	VIM
Background	This gene encodes a member of the intermediate filament family. Intermediate filamentents, 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

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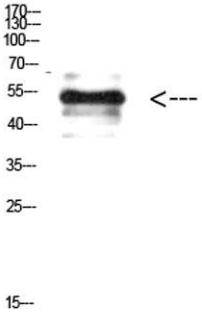
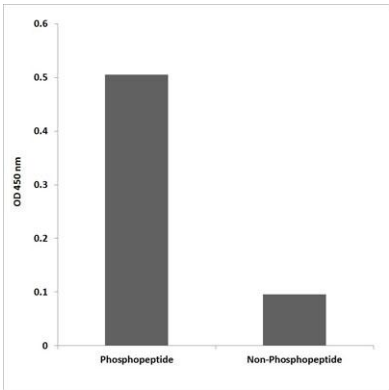
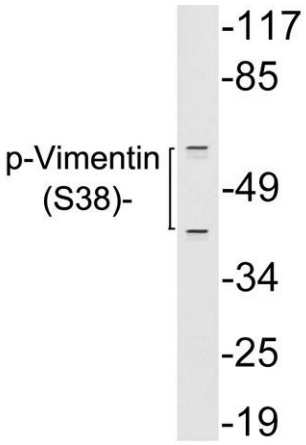
cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract.[provided by RefSeq, Jun 2009],



Western Blot analysis of HELA cells using Antibody diluted at 500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Vimentin (Phospho-Ser38) Antibody



Western blot analysis of lysates from 293 cells treated with paclitaxel, using p-Vimentin (Phospho-Ser38) antibody.

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