Immunoway
Best Tools for immunology Research

Vimentin (Phospho Ser39) rabbit pAb

Catalog No :	YP1551
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	Vimentin
Fields :	>>Epstein-Barr virus infection;>>MicroRNAs in cancer
Gene Name :	VIM
Protein Name :	Vimentin (Ser39)
Human Gene Id :	7431
Human Swiss Prot No :	P08670
Mouse Gene Id :	22352
Mouse Swiss Prot No :	P20152
Rat Gene Id :	81818
Rat Swiss Prot No :	P31000
Immunogen :	Synthesized phosho peptide around human Vimentin (Ser39)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat Vimentin (phospho-Ser39)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000

Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	53kD
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 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],
Function :	function:Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells.,online information:Vimentin entry,PTM:One of the most prominent phosphoproteins in various cells of mesenchymal origin. Phosphorylation is enhanced during cell division, at which time vimentin filaments are significantly reorganized.,sequence caution:Intron retention.,similarity:Belongs to the intermediate filament family.,subunit:Homopolymer. Interacts with HCV core protein. Interacts with LGSN and SYNM.,tissue specificity:Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.,
Subcellular Location :	Cytoplasm . Cytoplasm, cytoskeleton . Nucleus matrix . Cell membrane .
Expression :	Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.
Sort :	24157
No4 :	1
Host :	Rabbit
Modifications :	Phospho

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