

产品名称: Vimentin (Phospho-Tyr38) Rabbit Polyclonal Antibody
产品货号: APRab06112



产品概述 (Summary)

产品名称 (Production Name)	Vimentin (Phospho-Tyr38) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS, pH 7.4, containing 0.02% New type preservative N as Preservative and 50% Glycerol.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	VIM
别名 (Alternative Names)	VIM
基因 ID (Gene ID)	7431.0
蛋白 ID (SwissProt ID)	P08670.Synthesized phospho-peptide around the phosphorylation site of human Vimentin (Phospho-Tyr38)

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:10000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	51kDa

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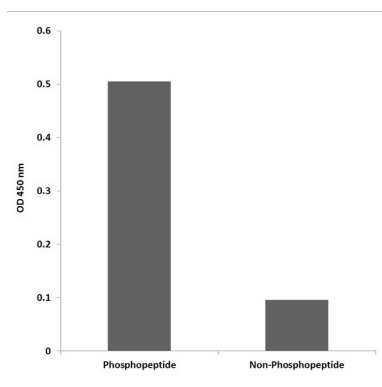
研究背景 (Background)

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],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.,

研究领域 (Research Area)

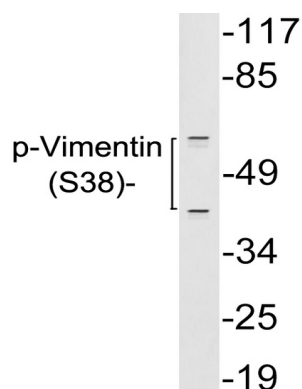
Neuroscience

图片 (Image Data)

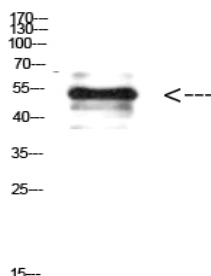


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using Vimentin (Phospho-Ser38) Antibody

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



Western Blot analysis of HELA cells using Antibody diluted at 500. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .