

Vimentin rabbit pAb

Cat No.:ES3698

For research use only

Overview

Product Name	Vimentin rabbit pAb	
Host species	Rabbit	
Applications	WB;IHC;IF;ELISA	
Species Cross-Reactivity	Human;Mouse;Rat	
Recommended dilutions	Western Blot: 1/500 - 1/2000.	
	Immunohistochemistry: 1/100 - 1/300.	
	Immunofluorescence: 1/200 - 1/1000. ELISA:	
	1/10000. Not yet tested in other applications.	
Immunogen	The antiserum was produced against synthesized	
	peptide derived from human Vimentin. AA	
	range:56-105	
Specificity	Vimentin Polyclonal Antibody detects endogenous	
	levels of Vimentin protein.	
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and	
	0.02% sodium azide.	
Storage	Store at -20 $^\circ\!\mathbb{C}$. 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	50-57kD	
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 filamentents, along	
	with microtubules and actin microfilaments, make	
	up the cytoskeleton. The protein encoded by this	



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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],



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