

Palladin Polyclonal Antibody

Catalog NumberPA5-19054

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	Dilution *	
Type	Antibody	Western Blot (WB)	0.1-0.3 µg/mL
Immunogen	Synthetic peptide sequence (RDSGDENEPIQER) corresponding to the internal amino acids of PALLD	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Ammonium sulfate precipitation		
Storage buffer	TBS, pH 7.3, with 0.5% BSA		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with canine, mouse and rat based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 2,000.

Background/Target Information

Palladin is a cytoskeletal protein required for organization of normal actin cytoskeleton. Palladin plays roles in establishing cell morphology, motility, cell adhesion and cell-extracellular matrix interactions in a variety of cell types. Palladin may function as a scaffolding molecule with the potential to impact both actin polymerization as well as the assembly of existing actin filaments into higher-order arrays. It binds to proteins that bind to either monomeric or filamentous actin. It localizes at sites where active actin remodeling takes place, such as lamellipodia and membrane ruffles. Palladin's different isoforms may have functional differences. It is also involved in the control of morphological and cytoskeletal changes associated with dendritic cell maturation.

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Product Images For Palladin Polyclonal Antibody



Palladin Antibody (PA5-19054) in WB
Western blot analysis of Palladin using Palladin Polyclonal Antibody (Product # PA5-19054) (0.1 µg/mL) in staining of Human Umbilical Cord lysate (35 µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

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