





Palladin Polyclonal Antibody

Catalog Number PA5-19054 Product data sheet

Details	
Size	100 µg
Host/Isotope	Goat / IgG
Class	Polyclonal
Туре	Antibody
Immunogen	Synthetic peptide sequence (RDSGDENEPIQER) corresponding to the internal amino acids of PALLD
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

Human	
Dilution *	
0.1-0.3 μg/mL	
	Dilution *

^{*} 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.

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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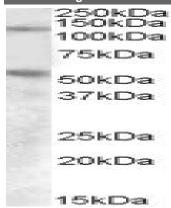
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Product Images For Palladin Polyclonal Antibody



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 Umbillical 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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