

p41-ARCb Polyclonal Antibody

Catalog Number PA5-28103

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	<div>Tested ApplicationsDilution *</div>	
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Immunogen	Synthetic peptide corresponding to a region within amino acids 1 and 44 of Human p41-ARCb	Western Blot (WB)	1:500-1:3,000
		* 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	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 10% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: NIH-3T3. Predicted reactivity: Mouse (100%), Rat (100%), Pig (100%), Bovine (100%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

This gene encodes one of seven subunits of the human Arp2/3 protein complex. This subunit is a member of the SOP2 family of proteins and is most similar to the protein encoded by gene ARPC1A. The similarity between these two proteins suggests that they both may function as p41 subunit of the human Arp2/3 complex that has been implicated in the control of actin polymerization in cells. It is possible that the p41 subunit is involved in assembling and maintaining the structure of the Arp2/3 complex. Multiple versions of the p41 subunit may adapt the functions of the complex to different cell types or developmental stages. This protein also has a role in centrosomal homeostasis by being an activator and substrate of the Aurora A kinase.

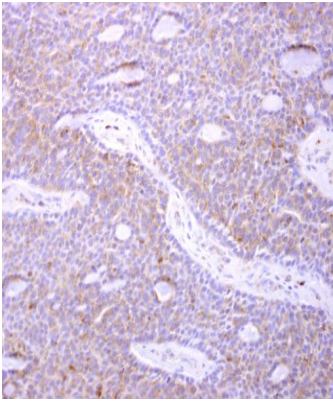
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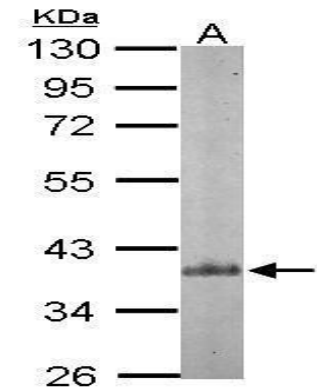
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Product Images For p41-ARCb Polyclonal Antibody



p41-ARCb Antibody (PA5-28103) in IHC (P)

p41-ARCb Polyclonal Antibody detects p41-ARCb protein at cytosol on human lung carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human lung carcinoma. P41-ARCb Polyclonal Antibody (Product # PA5-28103) dilution: 1:500. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



p41-ARCb Antibody (PA5-28103) in WB

Western Blot using p41-ARCb Polyclonal Antibody (Product # PA5-28103). Sample (30 µg of whole cell lysate). Lane A: NIH-3T3. 10% SDS PAGE. p41-ARCb Polyclonal Antibody (Product # PA5-28103) diluted at 1:500.

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