

Calcyclin Polyclonal Antibody

Catalog NumberPA5-22390

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	1:500-1:3,000
Type	Antibody	Immunocytochemistry (ICC/IF)	1:100-1:1,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 228 of CacyBP (Uniprot ID#Q9HBT1)	* 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	0.94 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 20% 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: 293T, A431, Jurkat, Raji, mouse brain. Predicted reactivity: Mouse (93%), Rat (92%), Rhesus Monkey (99%), Bovine (95%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

**Background/Target Information**

Calcyclin is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca<sup>2+</sup>-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma.

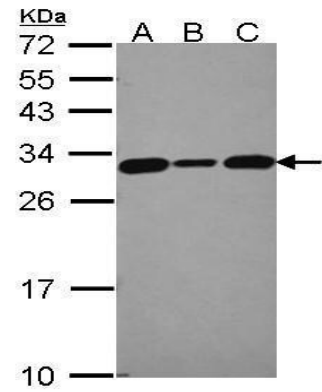
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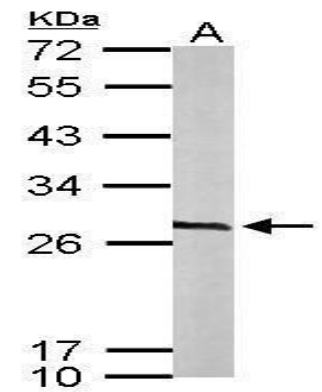
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Product Images For Calcyclin Polyclonal Antibody



**Calcyclin Antibody (PA5-22390) in WB**  
Western Blot using Calcyclin Polyclonal Antibody (Product # PA5-22390). Sample (30 µg of whole cell lysate). Lane A: 293T. Lane B: A431. Lane C: JurKat. 12% SDS PAGE. Calcyclin Polyclonal Antibody (Product # PA5-22390) diluted at 1:5,000.



**Calcyclin Antibody (PA5-22390) in WB**  
Western Blot using Calcyclin Polyclonal Antibody (Product # PA5-22390). Sample (50 µg of whole cell lysate). Lane A: mouse brain. 12% SDS PAGE. Calcyclin Polyclonal Antibody (Product # PA5-22390) diluted at 1:1,000.

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