

Nucleobindin 1 Polyclonal Antibody

Catalog NumberPA5-30107

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 224 and 461 of Human Nucleobindin 1	Immunocytochemistry (ICC/IF)	1:100-1:1,000
		Dilution *	
Conjugate	Unconjugated	* 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.	
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: A549, HeLa, HepG2, mouse brain. Predicted reactivity: Mouse (86%), Rat (85%), Pig (91%), Bovine (83%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

Nucleobindin 1 encodes a member of a small calcium-binding EF-hand protein family. The encoded protein is thought to have a key role in Golgi calcium homeostasis and Ca(2+)-regulated signal transduction events.

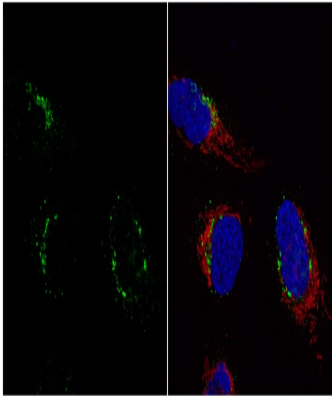
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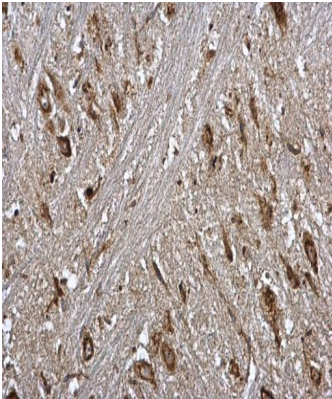
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Product Images For Nucleobindin 1 Polyclonal Antibody



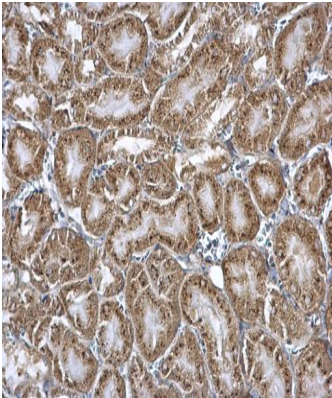
Nucleobindin 1 Antibody (PA5-30107) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of Nucleobindin 1 was performed in U2OS cells fixed in 4% paraformaldehyde at RT for 15 min. Green: Nucleobindin 1 Polyclonal Antibody (Product # PA5 30107) diluted at 1:500. Red: FIS1, a mitochondria marker. Blue: Hoechst 33342 staining.



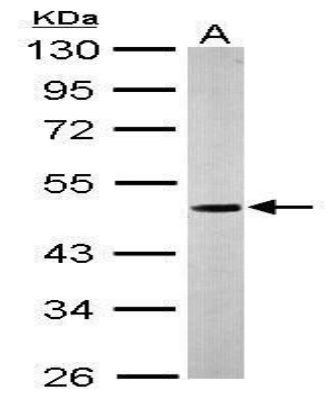
Nucleobindin 1 Antibody (PA5-30107) in IHC (P)

Nucleobindin 1 Polyclonal Antibody detects Nucleobindin 1 protein at cytosol on mouse kidney by immunohistochemical analysis. Sample: Paraffin-embedded mouse kidney. Nucleobindin 1 Polyclonal Antibody (Product # PA5-30107) dilution: 1:500. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



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Nucleobindin 1 Antibody (PA5-30107) in WB

Western Blot using Nucleobindin 1 Polyclonal Antibody (Product # PA5-30107). Sample (50 µg of whole cell lysate). Lane A: Mouse brain. 10% SDS PAGE. Nucleobindin 1 Polyclonal Antibody (Product # PA5-30107) diluted at 1:1,000.

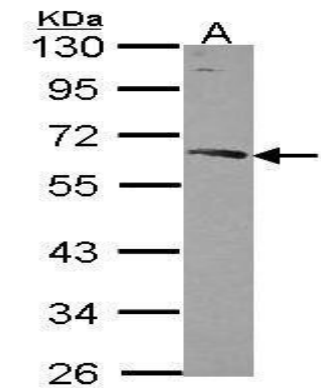
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Nucleobindin 1 Antibody (PA5-30107) in WB

Western Blot using Nucleobindin 1 Polyclonal Antibody (Product # PA5-30107). Sample (30 µg of whole cell lysate). Lane A: HeLa. 10% SDS PAGE. Nucleobindin 1 Polyclonal Antibody (Product # PA5-30107) diluted at 1:1,000.



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