

LIS1 Polyclonal Antibody

Catalog NumberPA5-20419

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Published species	Human
Class	Polyclonal	Tested Applications	
Type	Antibody	Western Blot (WB)	Dilution *0.5-1 µg/mL
Immunogen	A 14 amino acid peptide from near the carboxy terminus of human LIS1.	Immunocytochemistry (ICC/IF)	2.5 µg/mL
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	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is Hela cell lysate. PA5-20419 can be used with blocking peptide PEP-0536.

Background/Target Information

VAMP7 is a member of the soluble N-ethylmaleimide-sensitive factor attachment protein receptor (SNARE) family, localizing to late endosomes and lysosomes. VAMP7 is thought to mediate the fusion of endosomes to their target lysosomes as well as other exocytosis events during phagocytosis and neuritogenesis. VAMP7 interacts with the VPS9 ankyrin repeat protein VARP, a protein that localizes to early endosomes and thought to regulate endosome dynamics. Together with CD82, VAMP7 can modulate the signaling of EGFR by regulating its endocytosis from the plasma membrane.

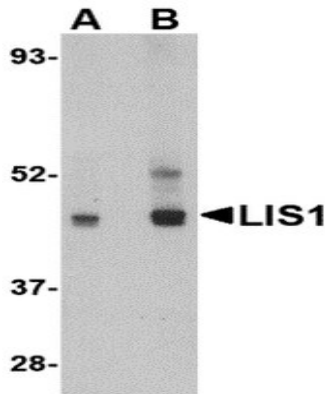
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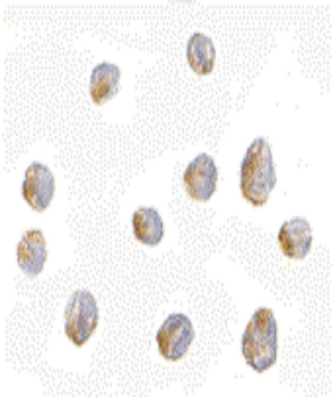
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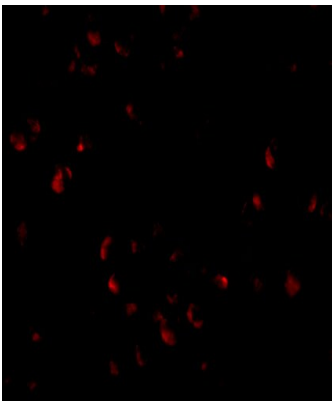
Product Images For LIS1 Polyclonal Antibody



LIS1 Antibody (PA5-20419) in WB
Western Blot analysis of LIS1 in HeLa cell lysate with LIS1 Polyclonal Antibody (Product # PA5-20419) at (A) 0.5 and (B) 1 μ g/mL.



LIS1 Antibody (PA5-20419) in ICC/IF
Immunocytochemistry of LIS1 in Jurkat cells with LIS1 Polyclonal Antibody (Product # PA5-20419) at 2.5 μ g/mL.



LIS1 Antibody (PA5-20419) in ICC/IF
Immunofluorescence of LIS1 in Jurkat cells with LIS1 Polyclonal Antibody (Product # PA5-20419) at 20 μ g/mL.

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