

MYO1C Polyclonal Antibody

Catalog NumberPA5-13384

Product data sheet

Details		Tested Applications	Dilution *
Size	400 µL	Immunohistochemistry (Paraffin) (IHC (P)) Western Blot (WB)	1:10-1:50
Host/Isotope	Rabbit / IgG		1:1,000
Class	Polyclonal	* 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.	
Type	Antibody		
Immunogen	KLH conjugated synthetic peptide between 911-940 amino acids from the C-terminal region of human Myosin 1C (MYO1C)		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	Lot-specific		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with bovine and rat based on sequence homology.

Background/Target Information

MYO1C is a member of the unconventional myosin protein family, which are actin-based molecular motors. The protein is found in the cytoplasm, and one isoform with a unique N-terminus is also found in the nucleus. The nuclear isoform associates with RNA polymerase I and II and functions in transcription initiation. The mouse ortholog of this protein also functions in intracellular vesicle transport to the plasma membrane.

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