

MYO5A Polyclonal Antibody

Catalog NumberPA1-24947

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Chicken, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:200
Type	Antibody	Western Blot (WB)	1:1,000
Immunogen	Synthetic peptide, conjugated to KLH, corresponding to residues 1782-1799 of chicken MYO5A.	* 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		
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: rat and chicken cerebellum, rat brain. PA1-24947 will not react with mouse.

**Background/Target Information**

This gene is one of three myosin V heavy-chain genes, belonging to the myosin gene superfamily. Myosin V is a class of actin-based motor proteins involved in cytoplasmic vesicle transport and anchorage, spindle-pole alignment and mRNA translocation. The protein encoded by this gene is abundant in melanocytes and nerve cells. Mutations in this gene cause Griscelli syndrome type-1 (GS1), Griscelli syndrome type-3 (GS3) and neuroectodermal melanolysosomal disease, or Elejalde disease. Multiple alternatively spliced transcript variants encoding different isoforms have been reported, but the full-length nature of some variants has not been determined.

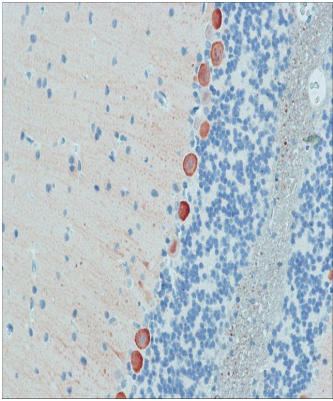
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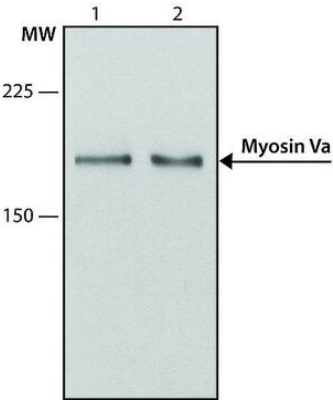
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Product Images For MYO5A Polyclonal Antibody



**MYO5A Antibody (PA1-24947) in IHC (P)**  
Immunohistochemistry (Paraffin) analysis of MYO5A in rat cerebellum section tissue using MYO5A Polyclonal Antibody (Product # PA1-24947) at a dilution of 1:200.



**MYO5A Antibody (PA1-24947) in WB**  
Western Blot analysis of MYO5A was performed by loading (1) rat brain, (2) C2C12 lysates. Proteins were transferred to a membrane and probed with a MYO5A Polyclonal Antibody (Product # PA1-24947) at a dilution of 1:1,000.

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