

Anti-Myosin 13/Extraocular Myosin (Hinge region) Antibody

Catalog # AN1850

Product Information

Application	WB, IHC
Primary Accession	B1AR69
Host	Rabbit
Clonality	Rabbit Polyclonal
Isotype	IgG

Additional Information

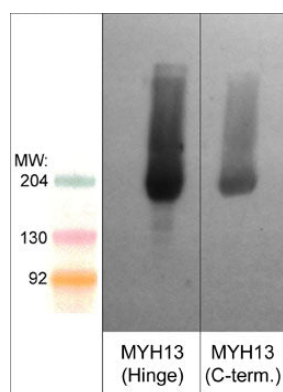
Other Names	Myh13, myosin heavy chain
Dilution	WB~~1:1000 IHC~~1:100~500
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Myosin 13/Extraocular Myosin (Hinge region) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

Myosin is a highly conserved, ubiquitous protein found in all eukaryotic cells, where it provides the motor function for diverse movements such as cytokinesis, phagocytosis, and muscle contraction. All myosins contain an amino-terminal motor/head domain and a carboxy-terminal tail domain. The class II myosins, consist of the conventional two-headed myosins that form filaments and are composed of two myosin heavy chain (MYH) subunits and four myosin light chain subunits. There are 15 MYH genes identified as Class II myosins and these include six skeletal muscle MYHs (MYH1, MYH2, MYH3, MYH4, MYH8, MYH13), three cardiac MYHs (MYH6, MYH7, MYH7B) and two non-muscle MYHs (MYH9, MYH10), as well as a smooth muscle MYH (MYH11).

Images

Western blot analysis of MYH13 in mouse extraocular muscle. The blot was probed on the left with anti-MYH13/Extraocular myosin (Hinge region) antibody (AN1850) and on the right with anti-MYH13/Extraocular myosin (C-terminal region) antibody (MP4561).



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.