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MYH-pan Polyclonal Antibody

Catalog # AP73610

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	P12882, Q9UKX2, P11055, Q9Y623, P13533, P12883, P13535
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	223145

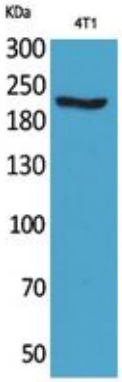
Additional Information

Gene ID	4619
Other Names	MYH1; Myosin-1; Myosin heavy chain 1; Myosin heavy chain 2x; MyHC-2x; Myosin heavy chain IIx/d; MyHC-IIx/d; Myosin heavy chain, skeletal muscle, adult 1; MYH2; MYHSA2; Myosin-2; Myosin heavy chain 2Myosin heavy chain 2; Myosin heavy chain 2a; MyHC-2a; Myosin heavy chain IIa; MyHC-IIa; Myosin heavy chain, skeletal muscle, adult 2; MYH3; Myosin-3; Muscle embryonic myosin heavy chain; Myosin heavy chain 3
Dilution	WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

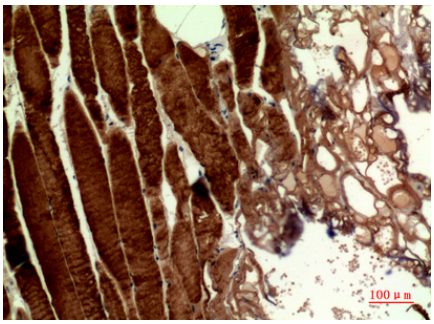
Protein Information

Name	MYH1 (HGNC:7567)
Function	Required for normal hearing. It plays a role in cochlear amplification of auditory stimuli, likely through the positive regulation of prestin (SLC26A5) activity and outer hair cell (OHC) electromotility.
Cellular Location	Cytoplasm, myofibril. Note=Thick filaments of the myofibrils

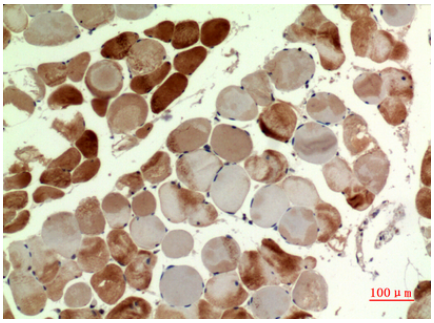
Images



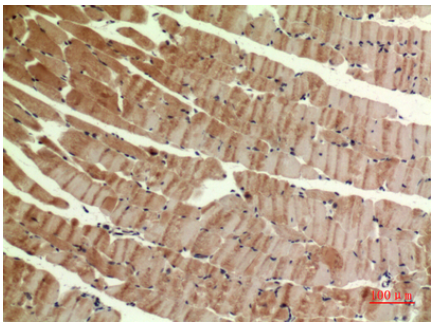
Western Blot analysis of 4T1 cells using MYH-pan Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



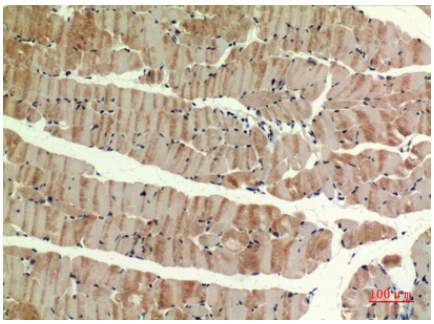
Immunohistochemical analysis of paraffin-embedded human-muscle, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-muscle, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-muscle, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-muscle, antibody was diluted at 1:100

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