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Anti-Myosin-pan (Acetyl-K505) Antibody

Catalog # AP53939

Product Information

Application	WB
Primary Accession	P12882
Other Accession	Q9UKX2, P11055, Q9Y623, P13533, P12883, P13535
Reactivity	Human, Mouse, Rat, Pig, Bovine, Dog
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 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; Myosin heavy chain, fast skeletal muscle, embryonic; SMHCE; MYH4; Myosin-4; Myosin heavy chain 2b; MyHC-2b; Myosin heavy chain 4; Myosin heavy chain IIb; MyHC-IIb; Myosin heavy chain, skeletal muscle, fetal; MYH6; MYHCA; Myosin-6; Myosin heavy chain 6; Myosin heavy chain, cardiac muscle alpha isoform; MyHC-alpha; MYH7; MYHCB; Myosin-7; Myosin heavy chain 7; Myosin heavy chain slow isoform; MyHC-slow; Myosin heavy chain, cardiac muscle beta isoform; MyHC-beta; MYH8; Myosin-8; Myosin heavy chain 8; Myosin heavy chain, skeletal muscle, perinatal; MyHC-perinatal
Target/Specificity	KLH-conjugated synthetic acetylated peptide corresponding to residues surrounding K505 of human Myosin-pan protein. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/2000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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 Myosin-pan (Acetyl-K505) expression in rat kidney (A) whole cell lysates. (Predicted band size: 223 kD; Observed band size: 223 kD)

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