

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

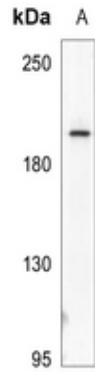
Name	MYH1 (HGNC:7567)
Function	Required for normal hearing. It plays a role in cochlear amplification of

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'.