

ARG42232
anti-MYO1H antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MYO1H
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MYO1H
Species	Mouse
Immunogen	Synthetic peptide around the C-terminus of Mouse MYO1H. (C-EDQVYKDKNGQLR) (NP_001158045.1)
Conjugation	Un-conjugated
Alternate Names	Unconventional myosin-Ih; Myosin-1H

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.1 - 0.3 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	NIH/3T3	
Observed Size	~ 110 kDa	

Properties

Form	Liquid
Purification	Ammonium sulphate precipitation followed by affinity purification with immunogen.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

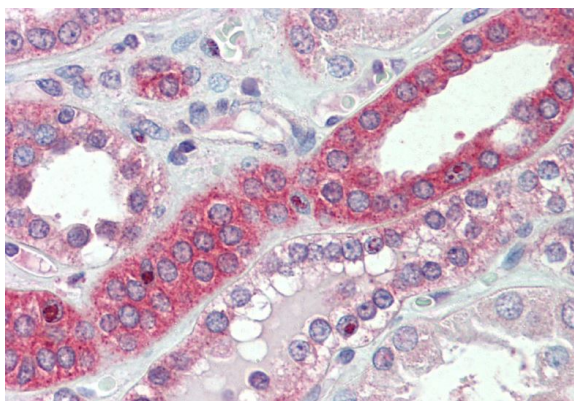
Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

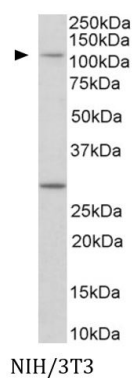
Gene Symbol	MYO1H
Gene Full Name	myosin IH
Function	Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. [UniProt]
Calculated Mw	110 kDa

Images



ARG42232 anti-MYO1H antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG42232 anti-MYO1H antibody at 5 µg/ml dilution followed by AP-staining.



ARG42232 anti-MYO1H antibody WB image

Western blot: 35 µg of NIH/3T3 cell lysate (in RIPA buffer) stained with ARG42232 anti-MYO1H antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.