

ARG45074 anti-MYH4 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MYH4
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MYH4
Species	Mouse
Immunogen	A synthetic peptide (coupled to KLH) corresponding to amino acid residues at the C-terminus from mouse MYH4/MyHC-IIb. This sequence has 100% identity with rat and human MYH4, and has significant homology to MYH1, MYH2, and MYH8.
Conjugation	Un-conjugated
Alternate Names	MYH4; Myosin Heavy Chain 4; MyHC-IIb; MyHC-2B; MYH2B; Myosin, Heavy Polypeptide 4, Skeletal Muscle; Myosin Heavy Chain, Skeletal Muscle, Fetal; Myosin Heavy Chain IIb; Myosin Heavy Chain 2b; Myosin-4; Myosin, Heavy Chain 4, Skeletal Muscle; MyHC-2b

Application Instructions

Application table	Application	Dilution
	WB	1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Antigen Affinity Purified.
Buffer	PBS, 0.05% NaN ₃ , 50% Glycerol and 0.1 % BSA.
Stabilizer	50% Glycerol and 0.1 % BSA
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	MYH4
Gene Full Name	Myosin Heavy Chain 4
Background	Enables double-stranded RNA binding activity. Involved in muscle contraction. Located in myofibril. [provided by Alliance of Genome Resources, Apr 2022]
Calculated Mw	223 kDa
PTM	Methylation, Phosphoprotein. [Uniprot]
Cellular Localization	Cytoplasm, Thick filament. [Uniprot]