ARG45076
anti-MYH13 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MYH13
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MYH13
Species	Mouse
Immunogen	A synthetic peptide (coupled to KLH) corresponding to amino acid residues in the hinge region from mouse MYH13/extraocular myosin. This sequence has 100% identity with rat and human MYH13, and has low homology to other myosin family members.
Conjugation	Un-conjugated
Alternate Names	MYH13; Myosin Heavy Chain 13; MyHC-Eo; Myosin Heavy Chain, Skeletal Muscle, Extraocular; Myosin Heavy Chain, Skeletal Muscle, Laryngeal; Myosin, Heavy Polypeptide 13, Skeletal Muscle; Extraocular Muscle Myosin Heavy Chain; Extraocular Myosin Heavy Chain; Superfast Myosin; Myosin-13; MyHC-IIL; Myosin, Heavy Chain 13, Skeletal Muscle; MyHC-EO

Application Instructions

Application table

Application	Dilution
IHC-P	1:150
WB	1:1000

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% NaN3, 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	MYH13
Gene Full Name	Myosin Heavy Chain 13
Background	Predicted to enable microfilament motor activity. Predicted to be involved in muscle contraction. Predicted to act upstream of or within cellular response to starvation. Located in extracellular exosome. [provided by Alliance of Genome Resources, Apr 2022]
Function	Fast twitching myosin mediating the high-velocity and low-tension contractions of specific striated muscles. [Uniprot]
Calculated Mw	224 kDa
PTM	Methylation. [Uniprot]