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GOAT ANTI-MYO5A ANTIBODY

SKU: EB10262

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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	MYO5A|MYR12|myoxin|myosin, heavy polypeptide kinase|myosin VA (heavy chain 12, myoxin)|myosin VA|myosin V|MYO5|MYH12|GS1|dilute
Usage Summary	Immunofluorescence: Transverse sections of Mouse Skeletal Muscle shows staining of the fibre membrane and neuromuscular junction. The observed pattern corresponds to earlier findings in literature with different antibodies (Röder et al, Proc Natl Acad Sci U S A. 2010 Feb 2;107(5):2031-6; PMID: 20133847). Recommended concentration: 1-3µg/ml.
Accession ID	NP_000250.3; NP_001135967.1
Blocking Peptide	EBP10262
Immunogen	Peptide with sequence C-ETKQLELDLN, from the internal region of the protein sequence according to NP_000250.3; NP_001135967.1.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_000250.3; NP_001135967.1).
Peptide Sequence	C-ETKQLELDLN
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Cow
Reactive Species	Human, Mouse
Human Gene ID	4644
Mouse Gene ID	17918
Rat Gene ID	25017
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:8000.
Western Blot	Approx 200kDa band observed in lysates of cell line Jurkat (calculated MW of 215kDa according to NP_000250.3). Recommended concentration: 1-3µg/ml.

Application Type	Pep-ELISA, WB, IF

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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