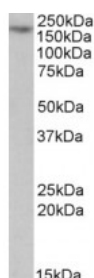




MYO5A Antibody

CATALOG NUMBER: 42-827



Western Blot (1ug/ml) staining of Jurkat lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunofluorescence (1ug/ml) staining of Mouse Skeletal Muscle (first panel, and in green in third panel). Alpha-bungaratoxin staining in middle panel and in red in third panel. Detected by Fluorescence. Data kindly provided by Dr. Rüdiger Rudolf, Karlsruhe, Germany

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ELISA, IF, WB
APPLICATIONS:	ELISA: 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: 1-3ug/ml. 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, P
POSITIVE CONTROL:	1) Cat. No. 1205 - Jurkat Cell Lysate
SPECIFICITY:	This antibody is expected to recognize both reported isoforms (NP_000250.3; NP_001135967.1).
IMMUNOGEN:	MYO5A antibody was raised against a 10 amino acid synthetic peptide near the internal region of MYO5A.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	MYO5A antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MYO5A, MYR12, myoxin, myosin, heavy polypeptide kinase, myosin VA (heavy chain 12, myoxin), myosin VA, myosin V, MYO5, MYH12, GS1, dilute
ACCESSION NO.:	NP_000250.3, NP_001135967.1
PROTEIN GI NO.:	215982791
OFFICIAL SYMBOL:	MYO5A
GENE ID:	4644

Background

FOR RESEARCH USE ONLY

December 13, 2016