

Product Datasheet

Myosin 5a Antibody NBP1-49858

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-49858**Myosin 5a Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Myosin 5a Antibody (NBP1-49858) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Myosin 5a Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	4644
Gene Symbol	MYO5A
Species	Human, Mouse
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_000250.3; NP_001135967.1).
Immunogen	Peptide with sequence C-ETKQLELDLN corresponding to internal region according to NP_001135967.1.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunocytochemistry/ Immunofluorescence 1 - 3 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	IF: 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 (scientific literature (PMID: 20133847). WB: Approx. 200 kDa band observed in Jurkat lysates (calculated MW of 215 kDa band according to NP_000250.3).



Images

Western Blot: Myosin 5a Antibody [NBP1-49858] - Analysis of Myosin 5a in Jurkat lysate (35ug protein in RIPA buffer) using this antibody at 1ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa

50kDa
37kDa

25kDa
20kDa

15kDa

Immunocytochemistry/Immunofluorescence: Myosin 5a Antibody [NBP1-49858] - (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. Rudiger Rudolf, Karlsruhe, Germany



Publications

Guey LT, Garcia-Closas M, Murta-Nascimento C et al. Genetic susceptibility to distinct bladder cancer subphenotypes. Eur Urol 2010-02-01 [PMID: 19692168]

Roder IV, Choi KR, Reischl M et al. Myosin Va cooperates with PKA R1alpha to mediate maintenance of the endplate in vivo. Proc Natl Acad Sci USA 2010-02-01 [PMID: 20133847]



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Products Related to NBP1-49858

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00004644-Q01-10ug	Recombinant Human Myosin 5a GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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