

Product Datasheet

Myosin VIIa Antibody NB120-3481-50 ul

Unit Size: 50 ul

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

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NB120-3481-50 ul**Myosin VIIa Antibody**

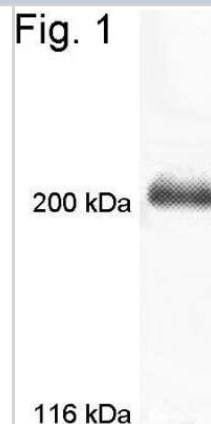
Product Information	
Unit Size	50 ul
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA
Target Molecular Weight	254 kDa

Product Description	
Host	Rabbit
Gene ID	4647
Gene Symbol	MYO7A
Species	Human, Mouse, Rat, Bovine, Canine, Guinea Pig, Primate
Reactivity Notes	Guinea Pig
Specificity/Sensitivity	Detects Myosin VIIa from mouse tissues as well as recombinant protein.
Immunogen	Synthetic Peptide: S(16) G Q E F D V P I G A V V K L C(31)

Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 5 ug/ml, Immunohistochemistry
Application Notes	WB: Detects an approx. 220 kDa protein representing myosin VIIa from mouse testes preparations. Detects recombinant mouse myosin VIIa overexpressed in Sf9 insect cell lysate. Use in Immunohistochemistry reported in scientific literature (PMID:31895697).

Images

Western Blot: Myosin VIIa Antibody [NB120-3481] - Analysis of mouse testes tissue extract.



Publications

Lin Y, Lin Y, Chen H et al. Ultrasound Microbubbles Enhance the Efficacy of Insulin-Like Growth Factor-1 Therapy for the Treatment of Noise-Induced Hearing Loss Molecules 2021-06-13 [PMID: 34199327] (IF/IHC, Guinea Pig)

Malfeld K, Ambrecht N, Volk HA et al. In Situ 3D-Imaging of the Inner Ear Synapses with a Cochlear Implant Life (Basel, Switzerland) 2021-04-01 [PMID: 33915846] (IF/IHC, Guinea Pig)

Liao AH, Wang CH, Weng PY et al. Ultrasound-induced microbubble cavitation via a transcanal or transcranial approach facilitates inner ear drug delivery JCI Insight 2020-01-02 [PMID: 31895697] (IF/IHC, Guinea Pig)

Tan BT, Lee MM, Ruan R. Bone-marrow-derived cells that home to acoustic deafened cochlea preserved their hematopoietic identity. J Comp Neurol;509(2):167-79. 2008-07-10 [PMID: 18461607]





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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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