

Product Datasheet

Muscarinic Acetylcholine Receptor M1/CHRM1 Antibody NB100-41399

Unit Size: 0.1 mg

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

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NB100-41399**Muscarinic Acetylcholine Receptor M1/CHRM1 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

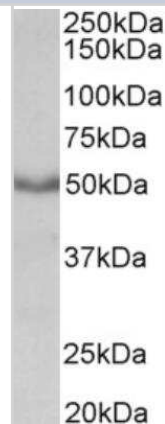
Host	Goat
Gene ID	1128
Gene Symbol	CHRM1
Species	Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 21389686).
Immunogen	Peptide with sequence C-DKRRWRKIPKRPGSVH corresponding to C-Terminus according to NP_000729.2.

Product Application Details

Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx 50 kDa band observed in mouse heart lysates (calculated MW of 51.4 kDa according to NP_000729.2).

Images

Western Blot: Muscarinic Acetylcholine Receptor M1/CHRM1 Antibody [NB100-41399] - Staining of mouse heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Caccamo A, Oddo S, Billings LM et al. M1 receptors play a central role in modulating AD-like pathology in transgenic mice. *Neuron* 2006-03-02 [PMID: 16504943]

Fiedler MJ, Nathanson MH. The type I inositol 1,4,5-trisphosphate receptor interacts with protein 4.1N to mediate neurite formation through intracellular Ca waves *Neurosignals* 2011-01-01 [PMID: 21389686] (WB, Rat)





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Products Related to NB100-41399

NBL1-09173	Muscarinic Acetylcholine Receptor M1/CHRM1 Overexpression Lysate
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

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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