

Product Datasheet

Kv7.4 Antibody NB100-93448

Unit Size: 0.1 mg

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

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Publications: 1

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NB100-93448

Kv7.4 Antibody

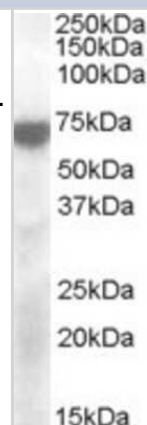
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	9132
Gene Symbol	KCNQ4
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_004691.2; NP_751895.1); may cross-react in Mouse;
Immunogen	Peptide with sequence C-DKGPSDAEVDVDE corresponding to internal region according to NP_004691.2, NP_751895.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:4000
Application Notes	WB: Approx. 70 kDa band observed in human brain (cerebellum) lysates (calculated MW of 71.2 kDa band according to NP_751895.1).

Images

Western Blot: Kv7.4 Antibody [NB100-93448] - Analysis of Kv7.4 in Cerebellum lysate (35ug protein in RIPA buffer) using NB100-93448 at 2ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Oshima K, Grimm CM, Corrales CE et al. Differential distribution of stem cells in the auditory and vestibular organs of the inner ear. J Assoc Res Otolaryngol 2007-03-01 [PMID: 17171473]



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Products Related to NB100-93448

NBL1-12200	Kv7.4 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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