

# Product Datasheet

## USH1C Antibody NB100-1405

Unit Size: 0.1 mg

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

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**NB100-1405**

USH1C Antibody

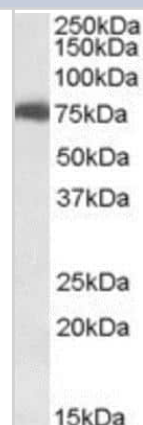
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	10083
Gene Symbol	USH1C
Species	Human
Reactivity Notes	Bovine reactivity reported in scientific literature (PMID: 20058854).
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_005700.2 and NP_710142.1).
Immunogen	Peptide with sequence DRKVAREFRHKVD-C corresponding to N-Terminus according to NP_710142.1.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, ELISA Detection limit 1:128000
Application Notes	WB: Approx. 75 kDa band observed in HEK293 lysates (calculated MW of 62.2 kDa band according to NP_005700.2).

**Images**

Western Blot: USH1C Antibody [NB100-1405] - (0.1ug/ml) staining of HEK293 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Verpy E, Leibovici M, Zwaenepoel I et al. A defect in harmonin, a PDZ domain-containing protein expressed in the inner ear sensory hair cells, underlies Usher syndrome type 1C. *Nat Genet* 2000-09-01 [PMID: 10973247]

Zalocchi M, Sisson JH, Cosgrove D. Biochemical characterization of native Usher protein complexes from a vesicular subfraction of tracheal epithelial cells. *Biochemistry* 2010-02-16 [PMID: 20058854] (WB, Bovine)



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### Products Related to NB100-1405

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NB800-PC6	293 Whole Cell 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

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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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