

Rabbit USH1C Polyclonal Antibody | anti-USH1C antibody

USH1C Antibody (N-term)

CATALOG # AAA289099	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Bovine)	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

USH1C; Polyclonal Antibody; USH1C Antibody (N-term); Harmonin; Antigen NY-CO-38/NY-CO-37; Autoimmune enteropathy-related antigen AIE-75; Protein PDZ-73; Renal carcinoma antigen NY-REN-3; Usher syndrome type-1C protein; AIE75; anti-USH1C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This USH1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human USH1C.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	899
Applicable Applications for anti-USH1C antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

USH1C Antibody (N-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the USH1C antibody detected the USH1C protein (arrow).



WB (Western Blot)

USH1C Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the USH1C antibody detected the USH1C protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-USH1C antibody	This gene encodes a scaffold protein that functions in the assembly of Usher protein complexes. The protein contains PDZ domains, a coiled-coil region with a bipartite nuclear localization signal and a PEST degradation sequence. Defects in this gene are the cause of Usher syndrome type 1C and non-syndromic sensorineural deafness autosomal recessive type 18. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-USH1C antibody	Neuroscience
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Yan, J., et al. Proc. Natl. Acad. Sci. U.S.A. 107(9):4040-4045(2010) Jaijo, T., et al. Invest. Ophthalmol. Vis. Sci. 51(3):1311-1317(2010) Pan, L., et al. Proc. Natl. Acad. Sci. U.S.A. 106(14):5575-5580(2009) Baux, D., et al. Hum. Mutat. 29 (8), E76-E87 (2008) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	71480164
NCBI GeneID	10083
NCBI Accession #	NP_005700.2; NP_710142.1
NCBI GenBank Nucleotide #	NM_005709.3
UniProt Accession #	Q9Y6N9; Q7RTU8; Q96B29; Q9UM04; Q9UM17; Q9UPC3; A8K423
Molecular Weight	62211
NCBI Official Full Name	harmonin isoform a
NCBI Official Synonym Full Names	Usher syndrome 1C
NCBI Official Symbol	USH1C
NCBI Official Synonym Symbols	PDZ73; AIE-75; DFNB18; PDZ-45; PDZ-73; PDZD7C; DFNB18A; NY-CO-37; NY-CO-38; ush1cpst; PDZ-73/NY-CO-38
NCBI Protein Information	harmonin
UniProt Protein Name	Harmonin
UniProt Gene Name	USH1C
UniProt Synonym Gene Names	AIE75
UniProt Entry Name	USH1C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ush1c-antibody-western-blot-elisa/289099>