

Product datasheet

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ARG64674 anti-CDH23 / USH1D antibody

Package: 100 μg Store at: -20°C

Summary

Product Description Goat Polyclonal antibody recognizes CDH23 / USH1D

Tested Reactivity Hu
Tested Application WB

Specificity This antibody is expected to recognize both reported isoforms (NP_071407.3; NP_443068.1).

Host Goat

Clonality Polyclonal

Isotype IgG

Target Name CDH23 / USH1D

Species Human

Immunogen C-YNISLYENVTVGTS

Conjugation Un-conjugated

Alternate Names CDHR23; Otocadherin; USH1D; Cadherin-23

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 μg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide.

Buffer Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA

Preservative 0.02% Sodium azide

Stabilizer 0.5% BSA

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links <u>GeneID: 64072 Human</u>

Swiss-port # Q9H251 Human

Background This gene is a member of the cadherin superfamily, whose genes encode calcium dependent cell-cell

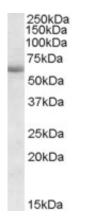
adhesion glycoproteins. The encoded protein is thought to be involved in stereocilia organization and hair bundle formation. The gene is located in a region containing the human deafness loci DFNB12 and USH1D. Usher syndrome 1D and nonsyndromic autosomal recessive deafness DFNB12 are caused by allelic mutations of this cadherin-like gene. Alternative splice variants encoding different isoforms have

been described. [provided by RefSeq, Jan 2010]

Research Area Neuroscience antibody; Signaling Transduction antibody

Calculated Mw 369 kDa

Images



ARG64674 anti-CDH23 / USH1D antibody WB image

Western Blot: Human Amygdala lysate (35 µg protein in RIPA buffer) stained with ARG64674 anti-CDH23 / USH1D antibody at 1 µg/ml dilution.