

Rabbit anti-Human, Mouse CDH23 Polyclonal Antibody | anti-CDH23 antibody

CDH23 Antibody

CATALOG # AAA304223	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence
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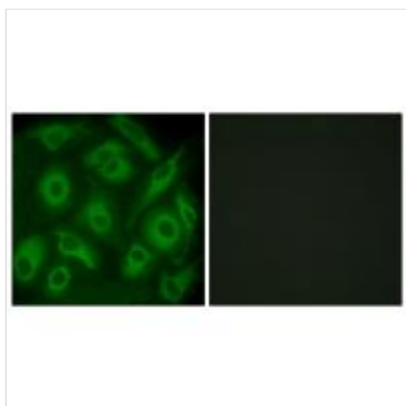
PRODUCT SYNONYMS

CDH23; Polyclonal Antibody; CDH23 Antibody; DFNB12; USH1D; cadherin 23 C1; cadherin 23 C2; cadherin related 23; anti-CDH23 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CDH23 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1381
Applicable Applications for anti-CDH23 antibody	IF (Immunofluorescence)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CDH23.
Target Name	CDH23
Preparation and Storage	Store at -20°C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using CDH23 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH23 antibody	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells. CDH23 is required for establishing and/or maintaining the proper organization of the stereocilia bundle of hair cells in the cochlea and the vestibule during late embryonic/early postnatal development. It is part of the functional network formed by USH1C, USH1G, CDH23 and MYO7A that mediates mechanotransduction in cochlear hair cells. Required for normal hearing.Bolz H., Nat. Genet. 27:108-112(2001).Clark H.F., Genome Res. 13:2265-2270(2003).Bork J.M., Am. J. Hum. Genet. 68:26-37(2001).
Product Categories/Family for anti-CDH23 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	284925128
NCBI GeneID	64072
NCBI Accession #	NP_001165401.1
NCBI GenBank Nucleotide #	NM_001171930.1
UniProt Accession #	Q9H251; Q5QGS1; Q5QGS2; Q5QGS5; Q5QGS6; Q5XKN2; Q6UWW1; Q96JL3; Q9H4K9; C4IXS9; F6U049
Molecular Weight	SDS-PAGE MW: 370kd
NCBI Official Full Name	cadherin-23 isoform 3
NCBI Official Synonym Full Names	cadherin-related 23
NCBI Official Symbol	CDH23
NCBI Official Synonym Symbols	USH1D; CDHR23
NCBI Protein Information	cadherin-23
UniProt Protein Name	Cadherin-23
UniProt Gene Name	CDH23
UniProt Synonym Gene Names	KIAA1774; KIAA1812
UniProt Entry Name	CAD23_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://www.aaabiotech.com/polyclonal/cdh23-antibody-immunofluorescence-elisa/304223>