

Rabbit CDH23 Polyclonal Antibody | anti-CDH23 antibody

CDH23 Antibody

CATALOG # AAA267939	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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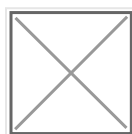
PRODUCT SYNONYMS

CDH23; Polyclonal Antibody; CDH23 Antibody; DFNB12; DKFZp434P2350; FLJ00233; FLJ36499; KIAA1774; KIAA1812; MGC102761; USH1D; CDHR23; anti-CDH23 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Cadherin-23 Polyclonal Antibody detects endogenous levels of Cadherin-23 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Concentration	1mg/mL (varies by lot)
Sequence Length	1381
Applicable Applications for anti-CDH23 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human CDH23. AA range:61-110
Function	Alternative products:Additional isoforms seem to exist,disease:Defects in CDH23 are a cause of Usher syndrome type 1D/F (USH1DF) [MIM:601067]. USH1DF patients are heterozygous for mutations in CDH23 and PCDH15, indicating a digenic inheritance pattern.,disease:Defects in CDH23 are the cause of non-syndromic sensorineural deafness autosomal recessive type 12 (DFNB12) [MIM:601386]. DFNB12 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,disease:Defects in CDH23 are the cause of Usher syndrome type 1D (USH1D) [MIM:601067]. USH is a genetically heterogeneous condition characterized by the association of retinitis pigmentosa and sensorineural deafness. Age at onset and differences in auditory and vestibular function distinguish. Subcellular Location
Expression	Particularly strong expression in the retina (PubMed:11138009). Found also in the cochlea
Preparation and Storage	-15°C to -25°C/1 year(Do not lower than -25°C)

IMAGES



IF (Immunofluorescence)

ADDITIONAL INFORMATION

Related Product Information for anti-CDH23 antibody	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. Upregulation of this gene may also be associated with breast cancer. Alternative splice variants encoding different isoforms have been described. [provided by RefSeq, May 2013].
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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	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	PITA5; USH1D; CDHR23
NCBI Protein Information	cadherin-23
UniProt Protein Name	Cadherin-23
UniProt Gene Name	CDH23

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/cdh23-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/267939>