

Product datasheet for **TA305883**

Cadherin like 23 (CDH23) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1-3ug/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-YNISLYENVTVGTS, from the internal region of the protein sequence according to NP_071407.3; NP_443068.1.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cadherin-related 23
Database Link:	NP_001165401 Entrez Gene 64072 Human Q9H251



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Background:

This gene is a member of the cadherin superfamily, whose genes encode calcium dependent cell-cell adhesion glycoproteins. The encoded protein is a large, single-pass transmembrane protein composed of an extracellular domain containing 27 repeats that show significant homology to the cadherin ectodomain. Expressed in the neurosensory epithelium, the 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. Two alternative splice variants have been identified that encode different isoforms. Additional variants have been observed but their full-length nature has not been determined. [provided by RefSeq]

Synonyms:

CDHR23; USH1D

Protein Families:

Transmembrane

Product images:

TA305883 (1ug/ml) staining of Human Amygdala lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.