



## Goat anti-CDH23 / USH1D Antibody

<b>Item Number</b>	dAP-1544
<b>Target Molecule</b>	Principle Name: CDH23 / USH1D; Official Symbol: CDH23; All Names and Symbols: CDH23; USH1D; cadherin-like 23; DFNB12; DKFZp434P2350; FLJ00233; FLJ36499; KIAA1774; KIAA1812; MGC102761; USH1H; OTTHUMP00000044780; cadherin 23; cadherin related 23; cadherin-23; otocadherin; Accession Number (s): NP_071407.3; NP_443068.1; Human Gene ID(s): 64072; Non-Human GeneID(s):
<b>Immunogen</b>	YNISLYENVTVGTS , is from internal region This antibody is expected to recognize both reported isoforms (NP_071407.3; NP_443068.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	Western Blot: Approx 60kDa band observed in Human Brain (Amygdala and Frontal Cortex lysates (calculated MW of 58.6kDa according to NP_443068.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Roux AF, Faugère V, Le Guédard S, Pallares-Ruiz N, Vielle A, Chambert S, Marlin S, Hamel C, Gilbert B, Malcolm S, Claustres M; French Usher Syndrome Collaboration. Survey of the frequency of USH1 gene mutations in a cohort of Usher patients shows the

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**