

CDH23 antibody

Catalog No: #38463

Package Size: #38463-1 50ul #38463-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

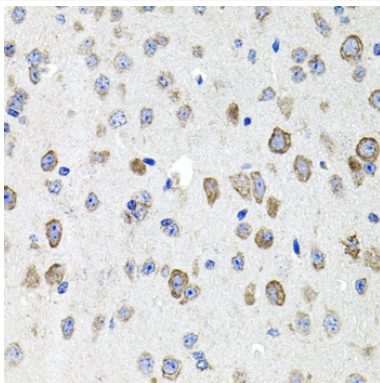
Description

Product Name	CDH23 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total CDH23 protein.
Immunogen Type	Protein
Immunogen Description	Fusion protein of human CDH23.
Target Name	CDH23
Other Names	DFNB12; DKFZp434P2350; FLJ00233; FLJ36499; KIAA1774; KIAA1812; M GC102761; USH1D; CDHR23;
Accession No.	Swiss-Prot#: Q9H251NCBI Gene ID: 64072
Uniprot	Q9H251
GeneID	64072;
SDS-PAGE MW	45kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

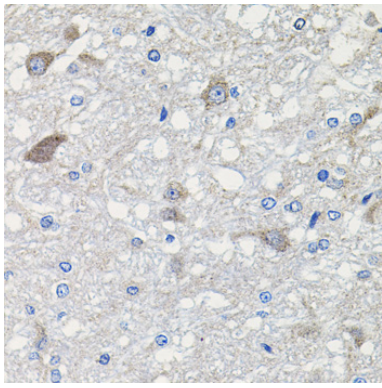
Application Details

WB 1:500 - 1:2000 IHC 1:100 - 1:200

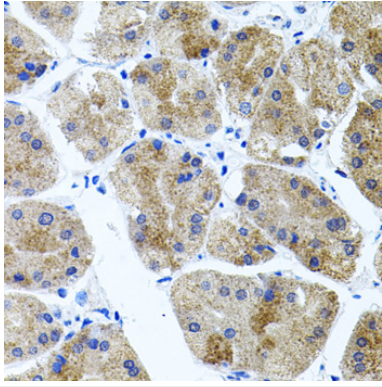
Images



Immunohistochemistry of paraffin-embedded mouse brain using CDH23 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using CDH23 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using CDH23 at dilution of 1:100 (40x lens).

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.

Note: This product is for in vitro research use only