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Cadherin 23 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51067

Specification

Cadherin 23 Antibody - Product Information

Application	**WB, IHC-P, E**
Primary Accession	Q9H251
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**59 KDa**

Cadherin 23 Antibody - Additional Information

Gene ID 64072

Other Names
Cadherin-23, Otocadherin, CDH23, KIAA1774, KIAA1812

Dilution
WB~~1:1000
IHC-P~~N/A
E~~N/A

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Cadherin 23 Antibody - Protein Information

Name CDH23 {ECO:0000303|PubMed:11138009, ECO:0000312|HGNC:HGNC:13733}

Function
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.

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Particularly strong expression in the retina (PubMed:11138009). Found also in the cochlea

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Cadherin 23 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Cadherin 23 Antibody - Images

Cadherin 23 Antibody - Background

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Cadherin 23 Antibody - References

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Nagase T.,et al.DNA Res. 8:85-95(2001).