

PCDH21 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13140**Specification**

PCDH21 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O96JP9
Other Accession	NM_033100 , NP_149091
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Chicken
Clonality	Rabbit
Calculated MW	Polyclonal 91kDa KDa

PCDH21 antibody - N-terminal region - Additional Information**Gene ID** 92211**Alias Symbol** DKFZp434A132, KIAA1775, PRCAD, CORD15, PCDH21**Other Names**

Cadherin-related family member 1, Photoreceptor cadherin, prCAD, Protocadherin-21, CDHR1, KIAA1775, PCDH21, PRCAD

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-PCDH21 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

PCDH21 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PCDH21 antibody - N-terminal region - Protein Information**Name** CDHR1 ([HGNC:14550](#))**Synonyms** KIAA1775, PCDH21, PRCAD**Function**

Potential calcium-dependent cell-adhesion protein. May be required for the structural integrity of the outer segment (OS) of photoreceptor cells (By similarity).

Cellular Location

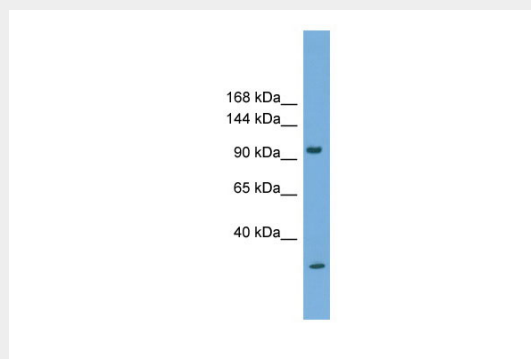
Cell membrane; Single-pass membrane protein. Note=Localized at the junction between the inner and outer segments of rod and cone photoreceptors cells. Confined to the base of the OS. Localized on the edges of nascent evaginating disks on the side of the OS opposite the connecting cilium. Expressed at postnatal day 2 at the apical tip of the rod photoreceptor cells, the site of the developing OS. Colocalized with rhodopsin between postnatal days 2 and 9 at the base of the growing OS region (By similarity)

PCDH21 antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PCDH21 antibody - N-terminal region - Images



WB Suggested Anti-PCDH21 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Human heart

PCDH21 antibody - N-terminal region - References

Deloukas P., et al. Nature 429:375-381(2004).
Nakajima D., et al. Brain Res. Mol. Brain Res. 94:85-95(2001).
Bechtel S., et al. BMC Genomics 8:399-399(2007).
Yang Z., et al. J. Clin. Invest. 118:2908-2916(2008).
Ostergaard E., et al. J. Med. Genet. 47:665-669(2010).