

PCDH21 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13140

Product Information

Application	WB
Primary Accession	Q96JP9
Other Accession	NM_033100 , NP_149091
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	93595

Additional Information

Gene ID	92211
Alias Symbol Other Names	DKFZp434A132, KIAA1775, PRCAD, CORD15, PCDH21 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.

Protein Information

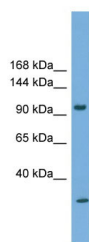
Name	CDHR1 (HGNC:14550)
Synonyms	KIAA1775, PCDH21, PRCAD
Function	Potential calcium-dependent cell-adhesion protein. May be required for the structural integrity of the outer segment (OS) of photoreceptor cells (By similarity).
Cellular Location	Cell membrane; Single-pass membrane protein. Note=Localized 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)

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.