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PDZD7 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15525

Product Information

Application	WB
Primary Accession	Q9H5P4
Other Accession	NM_024895, NP_079171
Reactivity	Human, Mouse, Rat, Rabbit, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	111752

Additional Information

Gene ID	79955
Alias Symbol	PDZK7
Other Names	PDZ domain-containing protein 7, PDZD7, PDZK7
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-PDZD7 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	PDZD7 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

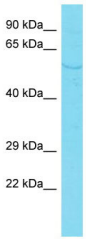
Protein Information

Name	PDZD7 (HGNC:26257)
Function	In cochlear developing hair cells, essential in organizing the USH2 complex at stereocilia ankle links. Blocks inhibition of adenylate cyclase activity mediated by ADGRV1.
Cellular Location	Cell projection, cilium. Nucleus Cell projection, stereocilium {ECO:0000250|UniProtKB:E9Q9W7} Note=Localizes at the ankle region of the stereocilia {ECO:0000250|UniProtKB:E9Q9W7}
Tissue Location	Weakly expressed in the inner ear. Expressed in the retinal pigment epithelium.

References

Ebermann I.,et al.J. Clin. Invest. 120:1812-1823(2010).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 429:375-381(2004).
Schneider E.,et al.Hum. Mol. Genet. 18:655-666(2009).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).

Images



Host: Rabbit
Target Name: PDZD7
Sample Tissue: HepG2 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

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