

**PDZD7 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP5254b****Specification**

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**PDZD7 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9H5P4](#)**PDZD7 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 79955**Other Names**

PDZ domain-containing protein 7, PDZD7, PDZK7

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PDZD7 Antibody (C-term) Blocking Peptide - 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.

**PDZD7 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PDZD7 Antibody (C-term) Blocking Peptide - Images**

**PDZD7 Antibody (C-term) Blocking Peptide - Background**

The function of this protein has not been specifically defined.

**PDZD7 Antibody (C-term) Blocking Peptide - References**

Schneider, E., et al. Hum. Mol. Genet. 18(4):655-666(2009) Deloukas, P., et al. Nature 429(6990):375-381(2004)