

**PDZD6 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5786b****Specification**

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**PDZD6 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O9ULD6](#)  
Other Accession [NP\\_056508.2](#)

**PDZD6 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 27152

**Other Names**

Protein inturned, Inturned planar cell polarity effector homolog, PDZ domain-containing protein 6, INTU, KIAA1284, PDZD6, PDZK6

**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.

**PDZD6 Antibody (C-term) Blocking peptide - Protein Information**

**Name** INTU

**Synonyms** KIAA1284, PDZD6, PDZK6

**Function**

Plays a key role in ciliogenesis and embryonic development. Regulator of cilia formation by controlling the organization of the apical actin cytoskeleton and the positioning of the basal bodies at the apical cell surface, which in turn is essential for the normal orientation of elongating ciliary microtubules. Plays a key role in definition of cell polarity via its role in ciliogenesis but not via conversion extension. Has an indirect effect on hedgehog signaling (By similarity). Proposed to function as core component of the CPLANE (ciliogenesis and planar polarity effectors) complex involved in the recruitment of peripheral IFT-A proteins to basal bodies (PubMed:<a href="http://www.uniprot.org/citations/27158779" target="\_blank">27158779</a>).

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q059U7}. Cell surface {ECO:0000250|UniProtKB:Q210E5}. Cytoplasm, cytoskeleton, cilium basal body. Note=Enriched at the apical surface in ciliated cells.

**PDZD6 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**PDZD6 Antibody (C-term) Blocking peptide - Images****PDZD6 Antibody (C-term) Blocking peptide - References**

Park, T.J., et al. Nat. Genet. 38(3):303-311(2006) Hillier, L.W., et al. Nature 434(7034):724-731(2005)