

Mouse Dcdc2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18686b**Specification**

Mouse Dcdc2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q5DU00](#)**Mouse Dcdc2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 195208**Other Names**

Doublecortin domain-containing protein 2, Dcdc2, Dcdc2a, Kiaa1154

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.

Mouse Dcdc2 Antibody (C-term) Blocking Peptide - Protein Information**Name** Dcdc2**Synonyms** Dcdc2a, Kiaa1154**Function**

Protein that plays a role in the inhibition of canonical Wnt signaling pathway (By similarity). May be involved in neuronal migration during development of the cerebral neocortex (By similarity). Involved in the control of ciliogenesis and ciliary length (By similarity).

Cellular Location

Cell projection, cilium {ECO:0000250|UniProtKB:Q9UHG0}. Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250|UniProtKB:Q9UHG0}. Cell projection, kinocilium {ECO:0000250|UniProtKB:D3ZR10}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:D3ZR10}. Note=Localizes to the ciliary axoneme and to mitotic spindle fibers in a cell-cycle-dependent manner {ECO:0000250|UniProtKB:Q9UHG0}

Tissue Location

Expressed in hair cells of the inner ear.

Mouse Dcdc2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Dcdc2 Antibody (C-term) Blocking Peptide - Images**Mouse Dcdc2 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a member of the doublecortin family. The protein encoded by this gene contains two doublecortin domains. The doublecortin domain has been demonstrated to bind tubulin and enhance microtubule polymerization. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Mouse Dcdc2 Antibody (C-term) Blocking Peptide - References

Dijkmans, T.F., et al. Cent Nerv Syst Agents Med Chem 10(1):32-46(2010) Coquelle, F.M., et al. Cell Cycle 5(9):976-983(2006) Reiner, O., et al. BMC Genomics 7, 188 (2006) :