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Mouse Dcdc2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP18686b

Specification

Mouse Dcdc2 Antibody (C-term) Blocking Peptide - Product Information

Primary 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.

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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. Theprotein encoded by this gene contains two doublecortin domains. Thedoublecortin domain has been demonstrated to bind tubulin andenhance microtubule polymerization. Alternatively splicedtranscript variants encoding distinct isoforms have been found forthis 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) :