10320 Camino Santa Fe, Suite G
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PCDP1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10318b

Specification

PCDP1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession	Q4G0U5
Other Accession	NP_001025167.2

PCDP1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 200373

Other Names
Cilia- and flagella-associated protein 221 {ECO:0000312|HGNC:HGNC:33720}, Primary ciliary dyskinesia protein 1, CFAP221 (HGNC:33720)

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.

PCDP1 Antibody (C-term) Blocking peptide - Protein Information

Name CFAP221 (HGNC:33720)

Function
May play a role in cilium morphogenesis.

Cellular Location
Cytoplasm, cytoskeleton, cilium axoneme. Cytoplasm {ECO:0000250|UniProtKB:A9Q751}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:A9Q751}. Note=Localizes to the manchette in elongating spermatids in a SPAG17-dependent manner {ECO:0000250|UniProtKB:A9Q751}

Tissue Location
Expressed in ciliated respiratory epithelial cells and brain ependymal cells (at protein level)

PCDP1 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

PCDP1 Antibody (C-term) Blocking peptide - Images

PCDP1 Antibody (C-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Lesch, K.P., et al. J Neural Transm 115(11):1573-1585(2008)Lee, L., et al. Mol. Cell. Biol. 28(3):949-957(2008)Venter, J.C., et al. Science 291(5507):1304-1351(2001)