

**FAM92A1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP5171c****Specification**

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**FAM92A1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [A1XBS5](#)**FAM92A1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 137392**Other Names**

Protein FAM92A1, FAM92A1

**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.

**FAM92A1 Antibody (Center) Blocking Peptide - Protein Information****Name** CIBAR1 ([HGNC:30452](#))**Synonyms** FAM92A, FAM92A1**Function**

Acts as a positive regulator of ciliary hedgehog signaling (By similarity). Probable regulator of ciliogenesis involved in limb morphogenesis (PubMed:<a href="http://www.uniprot.org/citations/27528616" target="\_blank">27528616</a>, PubMed:<a href="http://www.uniprot.org/citations/30395363" target="\_blank">30395363</a>). In cooperation with CBY1 it is involved in the recruitment and fusion of endosomal vesicles at distal appendages during early stages of ciliogenesis (PubMed:<a href="http://www.uniprot.org/citations/27528616" target="\_blank">27528616</a>, PubMed:<a href="http://www.uniprot.org/citations/30395363" target="\_blank">30395363</a>). Plays an important role in the mitochondrial function and is essential for maintaining mitochondrial morphology and inner membrane ultrastructure (PubMed:<a href="http://www.uniprot.org/citations/30404948" target="\_blank">30404948</a>). In vitro, can generate membrane curvature through preferential interaction with negatively charged phospholipids such as phosphatidylinositol 4,5- biphosphate and cardiolipin and hence orchestrate cristae shape (PubMed:<a href="http://www.uniprot.org/citations/30404948" target="\_blank">30404948</a>).

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole  
Cytoplasm, cytoskeleton, cilium basal body. Cell projection, cilium  
{ECO:0000250|UniProtKB:Q8BP22}. Nucleus. Mitochondrion inner membrane; Peripheral  
membrane protein; Matrix side. Note=Weak punctate vesicular distribution throughout the  
cytoplasm (PubMed:27528616). Localizes at the distal end of mother centrioles  
(PubMed:27528616). Extensive colocalization with CBY1 at mother centrioles (PubMed:27528616)

**FAM92A1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**FAM92A1 Antibody (Center) Blocking Peptide - Images****FAM92A1 Antibody (Center) Blocking Peptide - Background**

The function of this protein has not been specifically defined.

**FAM92A1 Antibody (Center) Blocking Peptide - References**

Liang, S., et al. Cancer Lett. 276(1):81-87(2009)Ruan, X.Z., et al. Mol. Cells 23(3):391-397(2007)