

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

FAM92A1 Antibody (Center) Blocking Peptide - Product InformationPrimary 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 InformationName 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:27528616, PubMed:30395363). In cooperation with CBY1 it is involved in the recruitment and fusion of endosomal vesicles at distal appendages during early stages of ciliogenesis (PubMed:27528616, PubMed:30395363). Plays an important role in the mitochondrial function and is essential for maintaining mitochondrial morphology and inner membrane ultrastructure (PubMed:30404948). 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:30404948).

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)