

FGFR1OP Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21889c**Specification**

FGFR1OP Blocking Peptide (Center) - Product Information

Primary Accession [O95684](#)
Other Accession [Q4R7V3](#)

FGFR1OP Blocking Peptide (Center) - Additional Information

Gene ID 11116

Other Names

FGFR1 oncogene partner, FGFR1OP, FOP

Target/Specificity

The synthetic peptide sequence is selected from aa 203-214 of HUMAN FGFR1OP

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.

FGFR1OP Blocking Peptide (Center) - Protein Information

Name CEP43 ([HGNC:17012](#))

Synonyms FGFR1OP, FOP

Function

Required for anchoring microtubules to the centrosomes (PubMed:16314388, PubMed:28659385). Required for ciliation (PubMed:28625565, PubMed:28659385).

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, cilium basal body Note=Associated with gamma-tubulin (PubMed:16314388). Localizes on both mother and daughter centrioles (PubMed:28625565, PubMed:28428259) Localizes to an axial position on the

mother centriole (PubMed:28625565). Localizes to the distal end of the centriole partly on the subdistal appendage region (PubMed:28659385)

Tissue Location

Ubiquitous. Highly expressed in heart, liver, muscle, kidney, intestine, colon, adrenal gland, prostate, testis, and pancreas.

FGFR1OP Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

FGFR1OP Blocking Peptide (Center) - Images**FGFR1OP Blocking Peptide (Center) - Background**

Required for anchoring microtubules to the centrosomes.

FGFR1OP Blocking Peptide (Center) - References

Popovici C.,et al.Blood 93:1381-1389(1999).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Andersen J.S.,et al.Nature 426:570-574(2003).