

FOP Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51207**Specification**

FOP Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	O95684
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43 KDa

FOP Antibody - Additional Information**Gene ID** 11116**Other Names**

FGFR1 oncogene partner, FGFR1OP, FOP

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

FOP Antibody - Protein Information**Name** CEP43 ([HGNC:17012](#))**Synonyms** FGFR1OP, FOP**Function**

Required for anchoring microtubules to the centrosomes (PubMed: [16314388](http://www.uniprot.org/citations/16314388), PubMed: [28659385](http://www.uniprot.org/citations/28659385)). Required for ciliation (PubMed: [28625565](http://www.uniprot.org/citations/28625565), PubMed: [28659385](http://www.uniprot.org/citations/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:28428259, PubMed:28625565) 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.

FOP Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FOP Antibody - Images**FOP Antibody - Background**

Required for anchoring microtubules to the centrosomes.

FOP Antibody - References

Popovici C., et al. Blood 93:1381-1389(1999).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mungall A.J., et al. Nature 425:805-811(2003).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Andersen J.S., et al. Nature 426:570-574(2003).