

FOP Polyclonal Antibody
Catalog # AP69919**Specification****FOP Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	O95684
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

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

FGFR1OP; FOP; FGFR1 oncogene partner

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

FOP Polyclonal Antibody - 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: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

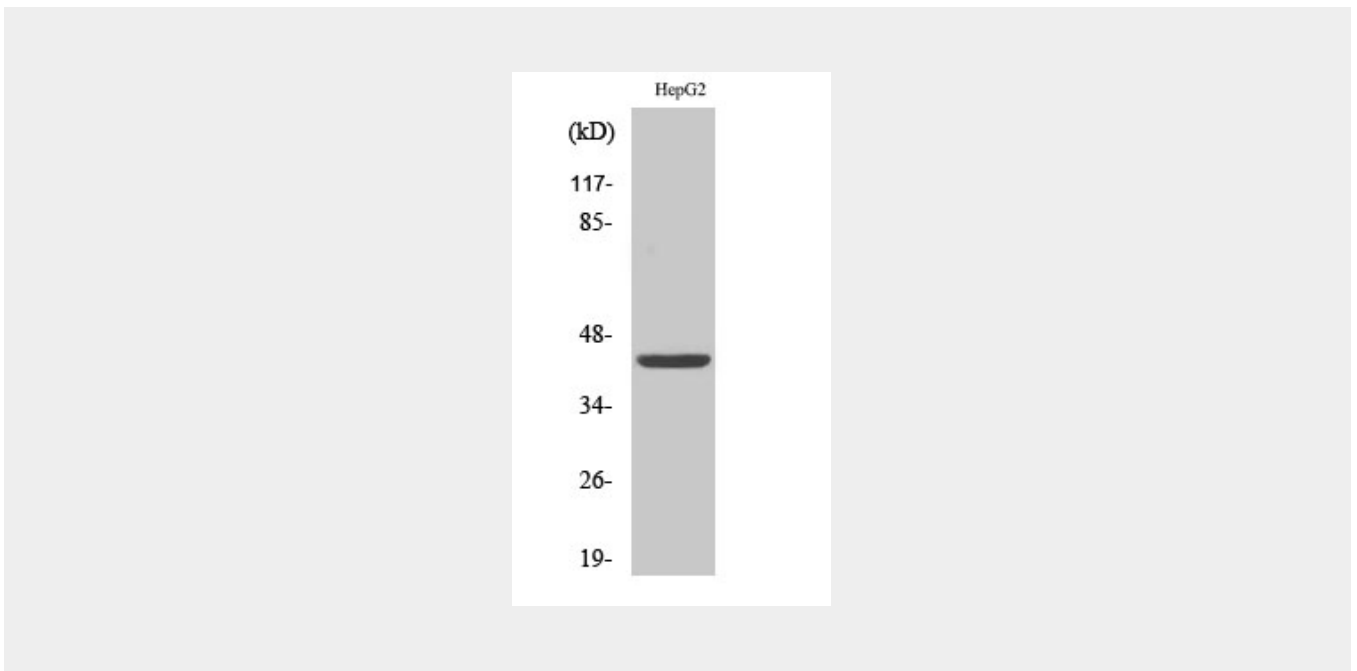
Ubiquitous. Highly expressed in heart, liver, muscle, kidney, intestine, colon, adrenal gland, prostate, testis, and pancreas.

FOP Polyclonal 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 Polyclonal Antibody - Images



FOP Polyclonal Antibody - Background

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