

Epac1 Rabbit mAb
Catalog # AP75404**Specification**

Epac1 Rabbit mAb - Product Information

Application	WB, IP
Primary Accession	O95398
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	103751

Epac1 Rabbit mAb - Additional Information**Gene ID** 10411**Other Names**
RAPGEF3**Dilution**
WB~~1/500-1/1000
IP~~1/20**Format**
Liquid**Epac1 Rabbit mAb - Protein Information****Name** RAPGEF3**Synonyms** CGEF1, EPAC, EPAC1**Function**

Guanine nucleotide exchange factor (GEF) for RAP1A and RAP2A small GTPases that is activated by binding cAMP. Through simultaneous binding of PDE3B to RAPGEF3 and PIK3R6 is assembled in a signaling complex in which it activates the PI3K gamma complex and which is involved in angiogenesis. Plays a role in the modulation of the cAMP- induced dynamic control of endothelial barrier function through a pathway that is independent on Rho-mediated signaling. Required for the actin rearrangement at cell-cell junctions, such as stress fibers and junctional actin.

Cellular Location

Endomembrane system

Tissue Location

Widely expressed with highest levels in adult kidney, heart, thyroid and brain, and fetal kidney

Epac1 Rabbit mAb - 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](#)

Epac1 Rabbit mAb - Images

