

**Epac1 Rabbit mAb**  
**Catalog # AP75404****Specification**

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**Epac1 Rabbit mAb - Product Information**

Application	WB, IP
Primary Accession	<a href="#">O95398</a>
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**  
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**  
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**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

