

## Anti-Epac1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P013504

### Product Information

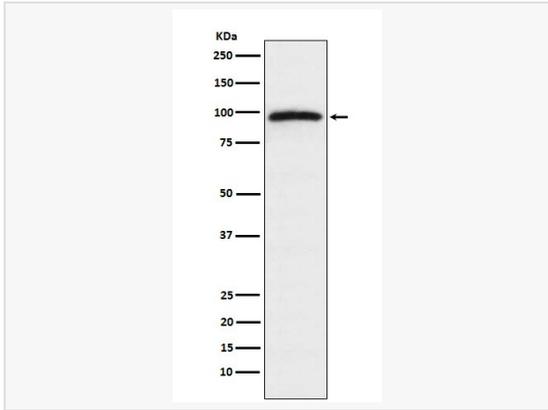
Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Epac 1
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Epac1 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	RAPGEF3, CGEF1, EPAC, EPAC1, Rap guanine nucleotide exchange factor 3, Exchange factor directly activated by cAMP 1, Exchange protein directly activated by cAMP 1, EPAC 1, Rap1 guanine-nucleotide-exchange factor directly activated by cAMP.
Calculated MW	Calculated MW: 104 kDa; Observed MW: 104 kDa
Uniprot ID	O95398
Gene ID	10411
Background	The activation of RaP1 by cAMP is independent of PKA and is mediated by recently discovered family of guanine nucleotide exchange factors (GEFs) called cAMP-GEFs or Epacs. The Epac signaling therefore represents a novel mechanism for cAMP signaling with in the cAMP cascade.

## Validation Images

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Western blot analysis of Epac1 in HeLa lysates using Epac1 antibody.