

## Epac1 Rabbit pAb

db2006

Package : 20μL 50μL 100μL

**Product Name** : Epac1 Rabbit pAb**Cat.No.:** db2006**Synonyms** : EPAC; EPAC1; bcm910; HSU79275; CAMP-GEFI**Application** : WB, IHC, ICC/IF, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

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.

**Immunogen**

A synthetic peptide of human Epac1

**Gene ID**

10411

**Swiss Prot**

O95398

**Synonyms**

EPAC; EPAC1; bcm910; HSU79275; CAMP-GEFI

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, IP

**Recommended dilution**

WB: 1:2000

IHC: 1:20

ICC/IF: 1:20

IP: 1:20

**Calculated MW**

104 kDa

**Observed MW**

104 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

**Purity**

Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

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