

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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