

Recombinant

DGRmAb®

Epac1 (DGR13117) Rabbit mAb

db11196

Package : 10μL 20μL 50μL 100μL

Product Name : Epac1 (DGR13117) Rabbit mAb**Cat.No.:** db11196**Synonyms** : EPAC; EPAC1; bcm910; HSU79275; CAMP-GEFI**Application** : WB, IHC-P**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-P

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:50-1:100

Calculated MW

104 kDa

Observed MW

104 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13117

Isotype

IgG

Purity

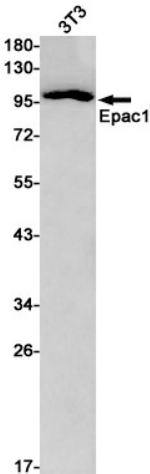
Affinity Purification

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.



Western blot detection of Epac1 in 3T3 cell lysates using Epac1 antibody(1:1000 diluted).