

Epac rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A14107	Rabbit	1 mg/ml	99353
Applications	WB,ELISA		
Reactivity	Human,Mouse,Rat		
Dilution	WB: 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	Epac Polyclonal Antibody detects endogenous levels of Epac protein.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human RAPGEF3. AA range:712-761		
Uniprot No	O95398		
Alternative names	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;		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	caution:It is uncertain whether Met-1 or Met-43 is the initiator.,domain:The DEP domain is involved in membrane localization independent from regulation by cAMP.,function:Guanine nucleotide exchange factor (GEF) for RAP1A and RAP2A small GTPases that is activated by binding cAMP.,similarity:Contains 1 cyclic nucleotide-binding domain.,similarity:Contains 1 DEP domain.,similarity:Contains 1 N-terminal Ras-GEF domain.,similarity:Contains 1 Ras-GEF domain.,tissue specificity:Widely expressed with highest levels in adult kidney, heart, thyroid and brain, and fetal kidney.,		
Other	RAPGEF3, Rap guanine nucleotide exchange factor 3		
Product Images:			

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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