



Epac Monoclonal Antibody

Catalog No	YP-mAb-16155
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RAPGEF3
Immunogen	The antiserum was produced against synthesized peptide derived from human RAPGEF3. AA range:712-761
Specificity	Epac Monoclonal Antibody detects endogenous levels of Epac protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RAPGEF3;EPAC1;EPAC 1;EPAC;CGEF1;Rap guanine nucleotide exchange factor 3;Exchange factor directly activated by cAMP 1;Exchange protein directly activated by cAMP 1;Rap1 guanine-nucleotide-exchange factor directly activated by cAMP
Observed Band	100kD
Calculated Molecular Weight	100kD
Cell Pathway	Endomembrane system .
Tissue Specificity	Widely expressed with highest levels in adult kidney, heart, thyroid and brain, and fetal kidney.
Function	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.,



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.,

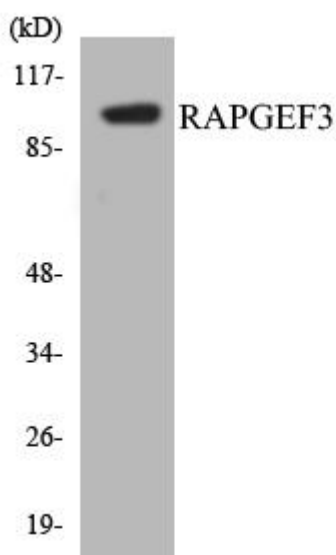
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Epac Monoclonal Antibody