

Summary

Production Name	Epac Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	RAPGEF3 RAPGEF3; CGEF1; EPAC; EPAC1; Rap guanine nucleotide exchange factor 3; Exchange
Alternative Names	factor directly activated by cAMP 1; Exchange protein directly activated by cAMP 1; EPAC 1; Rap1 guanine-nucleotide-exchange factor directly activated by cAMP;
Gene ID	10411.0
SwissProt ID	O95398.The antiserum was produced against synthesized peptide derived from human RAPGEF3. AA range:712-761

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:40000.
Molecular Weight	100kD

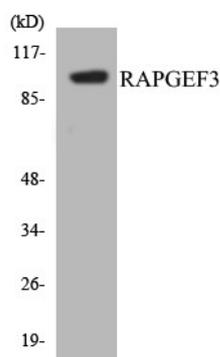
Background

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.,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.,

Research Area

Regulation of Actin Dynamics; AMPK

Image Data



Western blot analysis of the lysates from HeLa cells using RAPGEF3 antibody.

Note

For research use only.