

Rabbit EPAC1 Polyclonal Antibody | anti-EPAC1 antibody

Rabbit anti-EPAC1 Antibody

CATALOG # AAA223345	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Bovine, Dog	APPLICATIONS Immunofluorescence, Western Blot
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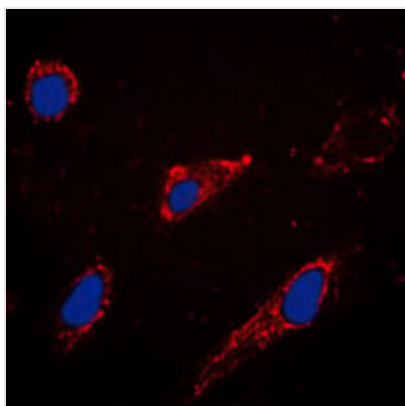
PRODUCT SYNONYMS

EPAC1; Polyclonal Antibody; Rabbit anti-EPAC1 Antibody; CGEF1; EPAC; 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; cAMP-regulated guanine nucleotide exchange factor I; cAMP-GEFI; anti-EPAC1 antibody

PRODUCT SPECIFICATIONS

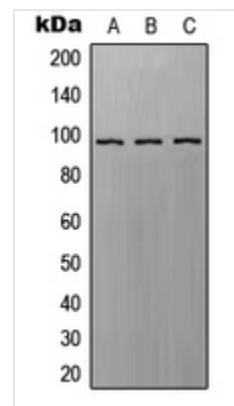
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-EPAC1 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human EPAC1. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of EPAC1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of EPAC1 expression in A549 (A), SP2/0 (B), H9C2 (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EPAC1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	317373593
NCBI GeneID	10411
UniProt Accession #	O95398; Q8VCC8; Q9Z1C8
Molecular Weight	103,751 Da
NCBI Official Full Name	Rap guanine nucleotide exchange factor 3
NCBI Official Synonym Full Names	Rap guanine nucleotide exchange factor (GEF) 3
NCBI Official Symbol	RAPGEF3
NCBI Official Synonym Symbols	EPAC; EPAC1; bcm910; HSU79275; CAMP-GEFI
NCBI Protein Information	rap guanine nucleotide exchange factor 3; EPAC 1; 9330170P05Rik; exchange factor directly activated by cAMP 1; exchange protein directly activated by cAMP 1; cAMP-regulated guanine nucleotide exchange factor I; Rap1 guanine-nucleotide-exchange factor dire
UniProt Protein Name	Rap guanine nucleotide exchange factor 3
UniProt Gene Name	RAPGEF3
UniProt Synonym Gene Names	CGEF1; EPAC; EPAC1; EPAC 1; cAMP-GEFI
UniProt Entry Name	RPGF3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/epac1-antibody-immunochemistry-immunofluorescence-western-blot-elisa/223345>