

Rabbit anti-Human, Mouse Epac1 Monoclonal Antibody | anti-Epac1 antibody

Epac1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312550	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Immunoprecipitation, Immunohistochemistry, Western Blot

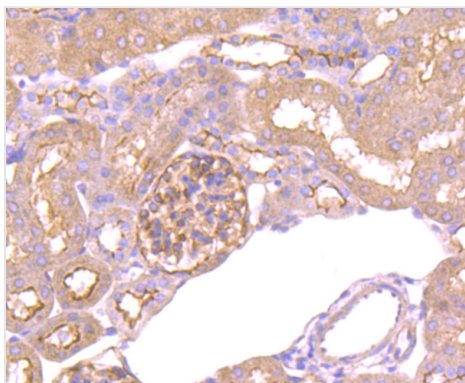
PRODUCT SYNONYMS

Epac1; Monoclonal Antibody; Epac1 Antibody; bcm910 antibody; CAMP GEF1 antibody; cAMP regulated guanine nucleotide exchange factor I antibody; CAMPGEFI antibody; CGEF 1 antibody; CGEF1 antibody; EPA1 antibody; Epac 1 antibody; EPAC antibody; EPAC1 antibody; Exchange factor directly activated by cAMP 1 antibody; Exchange protein directly activated by cAMP 1 antibody; MGC21410 antibody; RAP guanine nucleotide exchange factor antibody; Rap guanine nucleotide exchange factor (GEF) 3 antibody; RAP guanine nucleotide exchange factor 3 antibody; Rap1 guanine nucleotide exchange factor directly activated by cAMP antibody; RAPGEF3 antibody; anti-Epac1 antibody

PRODUCT SPECIFICATIONS

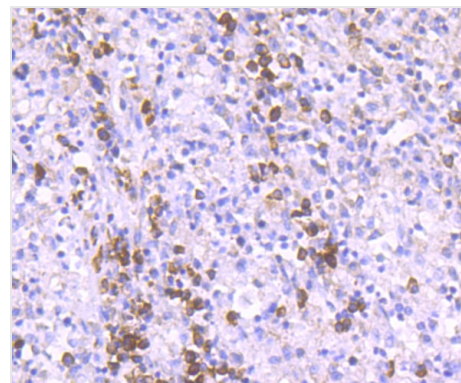
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-Epac1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



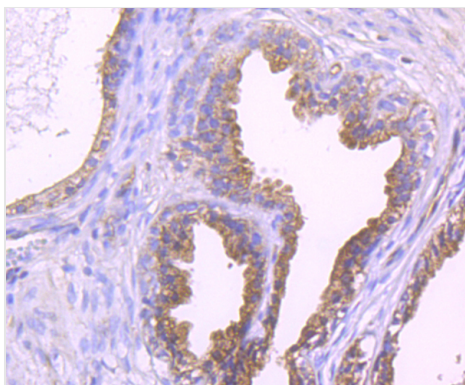
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Epac1 antibody. Counter stained with hematoxylin.



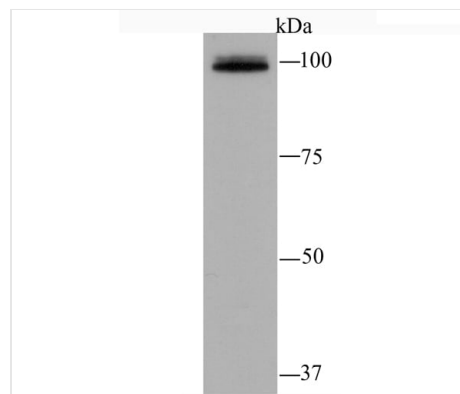
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue using anti-Epac1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human prostate tissue using anti-Epac1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Epac1 on mouse kidney tissue lysate using anti-Epac1 antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-Epac1 antibody	3', 5' cyclic adenosine monophosphate (cAMP)-regulated guanine nucleotide exchange factors Epac (Epac1, cAMP-GEFI) and Epac2 (cAMP-GEFII) activate the Ras family GTPases Rap 1 and Rap 2 by promoting GTP binding in a cAMP-dependent manner. Eukaryotic cAMP is a second messenger that induces physiological responses such as gene expression, growth, differentiation, secretion and neurotransmission. The human Epac gene maps to chromosome 12q13.11 with transcript being abundant in the kidney and heart. In situ hybridization indicates expression of Epac in adult rat brain and selective expression in neonatal brain, including septum and thalamus.
Product Categories/Family for anti-Epac1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373593
NCBI GeneID	10411
UniProt Accession #	O95398; O95634; Q8WVN0
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/monoclonal/epac1-antibody-immunofluorescence-immunocytochemistry-immunoprecipitation-immunohistochemistry-western-blot-elisa/312550>