Anti-Epac1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P105413

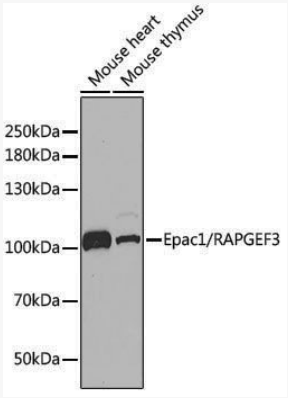
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:2000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human Epac1/Epac1/RAPGEF3 (NP_001092002.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Epac1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	EPAC; EPAC1; bcm910; HSU79275; CAMP-GEFI; Epac1/RAPGEF3.
Calculated MW	Calculated MW: 104 kDa; Observed MW: 104 kDa
Uniprot ID	O95398
Gene ID	10411
Background	Enables guanyl-nucleotide exchange factor activity and protein domain specific binding activity. Involved in several processes, including positive regulation of protein modification process; regulation of actin cytoskeleton organization; and regulation of syncytium formation by plasma membrane fusion. Located in filopodium; lamellipodium; and microvillus. Colocalizes with cortical actin cytoskeleton and plasma membrane. Biomarker of congestive heart failure.

Validation Images



Western blot analysis of various lysates using Epac1/RAPGEF3 Rabbit pAb (P105413) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.