

Product datasheet for TA327333S

Epac1 (RAPGEF3) Rabbit Polyclonal Antibody

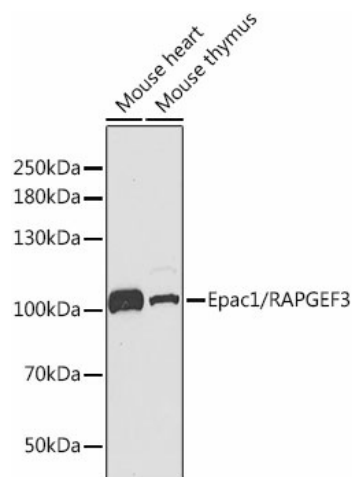
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	WB, 1:500 - 1:2000 ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	104kDa
Gene Name:	Rap guanine nucleotide exchange factor 3
Database Link:	NP_006096 Entrez Gene 223864 Mouse Entrez Gene 10411 Human O95398
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.
Synonyms:	bcm910; CAMP-GEFI; EPAC; EPAC1; HSU79275


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Protein Pathways: Leukocyte transendothelial migration, Long-term potentiation

Product images:



Western blot analysis of various lysates using Epac1/RAPGEF3 Rabbit pAb (TA327333) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.