

Anti-Ras-GRF1 antibody



Description	Rabbit polyclonal to Ras-GRF1.
Model	STJ95374
Host	Rabbit
Reactivity	Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from mouse Ras-GRF1 around the non-phosphorylation site of S916.
Immunogen Region	860-940 aa
Gene ID	19417
Gene Symbol	RASGRF1
Dilution range	IHC 1:100-1:300ELISA 1:5000
Specificity	Ras-GRF1 Polyclonal Antibody detects endogenous levels of Ras-GRF1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ras-specific guanine nucleotide-releasing factor 1 Ras-GRF1 CDC25Mm Guanine nucleotide-releasing protein GNRP Ras-specific nucleotide exchange factor CDC25
Molecular Weight	55/85 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Alternative Names	Ras-specific guanine nucleotide-releasing factor 1 Ras-GRF1 CDC25Mm Guanine nucleotide-releasing protein GNRP Ras-specific nucleotide exchange factor CDC25
Function	Promotes the exchange of Ras-bound GDP by GTP.
Sequence and Domain Family	The DH (DBL-homology) domain mediates interaction with RASGRF2.
Post-translational Modifications	Phosphorylated by PLK2, leading to ubiquitination and degradation by the proteasome. Ubiquitinated and degraded following phosphorylation by PLK2. Phosphorylated by SRC and LCK. Phosphorylation by LCK increases its capacity to stimulate the GDP/GTP exchange on Ras, whereas its phosphorylation by SRC seems not to have an effect on stimulation activity.