

	<h1>RASGRP1 Rabbit pAb</h1>	E 2 5 1 0 4 9 5
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Swiss-Prot No.:	O95267
Altername:	RASGRP1
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles.
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 598-797 of human RASGRP1 (NP_005730.2).
Purification:	Affinity purified
Reactivity:	Human
Other Names:	RASGRP; CALDAG-GEFI; CALDAG-GEFII
Cellular localization:	Cell membrane, Cytoplasm, Endoplasmic reticulum, Golgi apparatus, Membrane
Relevance:	Functions as a calcium- and diacylglycerol (DAG)-regulated nucleotide exchange factor specifically activating Ras through the exchange of bound GDP for GTP (PubMed:15899849, PubMed:23908768). Activates the Erk/MAP kinase cascade (PubMed:15899849). Regulates T-cell/B-cell development, homeostasis and differentiation by coupling T-lymphocyte/B-lymphocyte antigen receptors to Ras (PubMed:10807788, PubMed:12839994). Regulates NK cell cytotoxicity and ITAM-dependent cytokine production by activation of Ras-mediated ERK and JNK pathways (PubMed:19933860). Functions in mast cell degranulation and cytokine secretion, regulating

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	FcERI-evoked allergic responses . May also function in differentiation of other cell types (PubMed:12845332).
Source:	Rabbit
Antibody type:	Polyclonal antibody
Isotype:	Rabbit IgG
Molecular Weight:	90kDa
Preservative:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Recommended Dilutions:	WB 1:1000 - 1:2000(Optimal dilutions should be determined by the end user)