



Anti-RAP1GAP2 (aa 700-730) polyclonal antibody (DPABH-17694)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	RAP1GAP2 is a GTPase-activating protein that activates the small guanine-nucleotide-binding protein Rap1 in platelets. The protein interacts with synaptotagmin-like protein 1 and Rab27 and regulates secretion of dense granules from platelets at sites of endothelial damage. In vitro phosphorylated by cGMP-dependent protein kinase 1 (cGKI) at Ser-7; the phosphorylation probably does not regulate GAP activity. There are 3 isoforms produced by alternative splicing. Isoform 1 and isoform 2 are expressed in platelets with isoform 2 being the predominant form.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to a region within C terminal amino acids 700-730 of Human RAP1GAP2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µl
Buffer	Constituents: PBS
Preservative	0.09% Sodium Azide
Storage	Store at 4°C (up to 6 months). For long term storage store at -20°C

GENE INFORMATION

Gene Name	RAP1GAP2 RAP1 GTPase activating protein 3 [Homo sapiens]
Official Symbol	RAP1GAP2
Synonyms	RAP1GAP2; RAP1 GTPase activating protein 2; GARNL4; RAP1GA3; rap1 GTPase-activating protein 2; GTPase activating RANGAP domain-like 4; GTPase activating Rap/RanGAP domain-like 4; GTPase-activating Rap/Ran-GAP domain-like protein 4;
Entrez Gene ID	23108
Protein Refseq	NP_001093868.1
UniProt ID	Q684P5
Pathway	Adaptive Immune System; Rap1 signalling.
Function	GTPase activator activity;