



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to a region within C terminal amino acids 700-730 of Human RAP1GAP2
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Constituents: PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 4°C (up to 6 months). For long term storage store at -20°C

# GENE INFORMATION

Gene Name	<a href="#">RAP1GAP2 RAP1 GTPase activating protein 3 [ Homo sapiens ]</a>
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	<a href="#">23108</a>
Protein Refseq	<a href="#">NP_001093868.1</a>
UniProt ID	<a href="#">Q684P5</a>
Pathway	Adaptive Immune System; Rap1 signalling.
Function	GTPase activator activity;