



Anti-RASGRF2 (aa 702-807) polyclonal antibody (DPABH-18931)

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

PRODUCT INFORMATION

Antigen Description	Functions as a calcium-regulated nucleotide exchange factor activating both Ras and RAC1 through the exchange of bound GDP for GTP. Preferentially activates HRAS in vivo compared to RRAS based on their different types of prenylation. Functions in synaptic plasticity by contributing to the induction of long term potentiation.
Immunogen	antigen, corresponding to internal sequence amino acids 702-807 of Human RASGRF2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P, ICC/IF, WB
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Constituents: 59% PBS, 40% Glycerol
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	RASGRF2 Ras protein-specific guanine nucleotide-releasing factor 3 [Homo sapiens]
Official Symbol	RASGRF2
Synonyms	RASGRF2; Ras protein-specific guanine nucleotide-releasing factor 2; GRF2; RAS-GRF2; ras-specific guanine nucleotide-releasing factor 2; ras guanine nucleotide exchange factor 2;
Entrez Gene ID	5924
Protein Refseq	NP_008840.1
UniProt ID	O14827
Pathway	Activation of NMDA receptor upon glutamate binding and postsynaptic events; Cell death signalling via NRAGE, NRIF and NADE; GPCR downstream signaling; MAPK signaling pathway.
Function	Rho guanyl-nucleotide exchange factor activity; calmodulin binding;