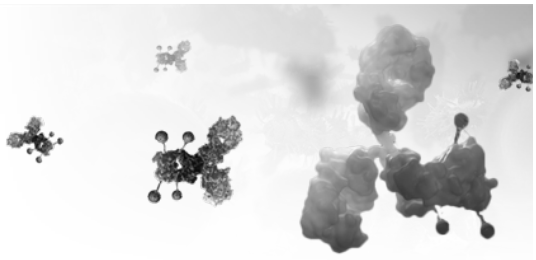

Anti-GNAI2 (aa 345-354) polyclonal antibody (DPABH-09922)

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

PRODUCT INFORMATION

Antigen Description	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(i) proteins are involved in hormonal regulation of adenylate cyclase: they inhibit the cyclase in response to beta-adrenergic stimuli. May play a role in cell division.
Specificity	DPABH-09922 recognises G Protein alpha Inhibitor 1 and G Protein alpha Inhibitor 2
Immunogen	Synthetic peptide conjugated to KLH, corresponding to amino acids 345-354 of G protein alpha Inhibitor 1 and 346-355 of G protein alpha Inhibitor 2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituent: 99% PBS
Preservative	0.08% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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GENE INFORMATION

Gene Name	GNAI2 guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3 [Homo sapiens]
Official Symbol	GNAI2
Synonyms	GNAI2; guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2; GIP; GNAI2B; H_LUCA15.1; H_LUCA16.1; guanine nucleotide-binding protein G(i) subunit alpha-2; adenylate cyclase-inhibiting G alpha protein; GTP-binding regulatory protein Gi alpha-2 chain; guanine nucleotide-binding protein G(i), alpha-2 subunit;
Entrez Gene ID	2771
Protein Refseq	NP_001159897.1
UniProt ID	B3KP24
Pathway	ADP signalling through P2Y purinoceptor 12; Adenylate cyclase inhibitory pathway; Adrenergic signaling in cardiomyocytes; Alcoholism
Function	G-protein beta/gamma-subunit complex binding; G-protein coupled receptor binding; GTP binding; GTPase activity

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