

G protein alpha inhibitor 1 Antibody HRP Conjugated

Catalog No: #C02449H

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	G protein alpha inhibitor 1 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human G protein alpha inhibitor 1
Conjugates	HRP
Target Name	G protein alpha inhibitor 1
Other Names	Adenylate cyclase inhibiting G alpha protein; Adenylate cyclase inhibitory protein; Adenylate cyclase-inhibiting G alpha protein; G protein alpha inhibiting 1; G protein alpha inhibiting activity polypeptide 1; Gi; Gi inhibitory G protein; Gi1 protein alpha subunit; GNAI 1; GNAI1; GNAI1_HUMAN; Guani
Accession No.	NCBI Gene ID2770
Uniprot	P63096
GeneID	2770;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Background

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. The inactive GDP-bound form prevents the association of RGS14 with centrosomes and is required for the translocation of RGS14 from the cytoplasm to the plasma membrane. May play a role in cell division.

Note: This product is for in vitro research use only