

## GNAI3 Antibody HRP Conjugated

Catalog No: #C02902H

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## Description

Product Name	GNAI3 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human GNAI3
Conjugates	HRP
Target Name	GNAI3
Other Names	GAI3; 87U6; FLJ26559; G protein alpha inhibiting 3; Gi alpha 3; Gi alpha-3; GNAI3; GNAI3_HUMAN; Guanine nucleotide binding protein G protein alpha inhibiting activity polypeptide 3; Guanine nucleotide binding protein Gk alpha subunit; Guanine nucleotide-binding protein Gk subunit alpha; OTTHUMP00000
Accession No.	NCBI Gene ID2773
Uniprot	P08754
GeneID	2773;
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

## Background

GAI3 is the  $\alpha$  subunit of inhibitory trimeric G protein ( $G_i$ ), which inhibits adenylate cyclase once its G protein coupled receptors (GPCR) such as  $\alpha_2$  adrenergic receptors are activated. GAI3 can be inactivated by pertussis toxin. Guanine nucleotide binding proteins are involved as modulators or transducers in various transmembrane signaling systems. G(k) is the stimulatory G protein of receptor regulated  $K(+)$  channels.

Note: This product is for in vitro research use only