

Rabbit GNAO1 Polyclonal Antibody | anti-GNAO1 antibody

GNAO1 Antibody

CATALOG # AAA306974	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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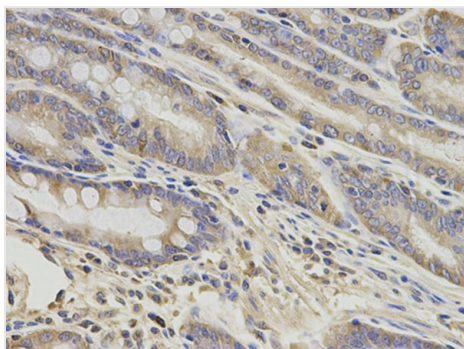
PRODUCT SYNONYMS

GNAO1; Polyclonal Antibody; GNAO1 Antibody; GNAO; EIEE17; G-ALPHA-o; anti-GNAO1 antibody

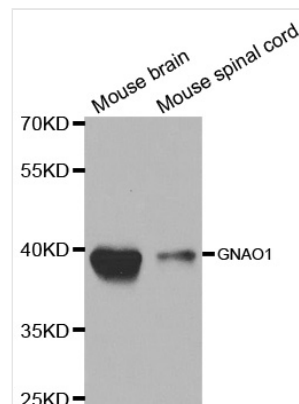
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GNAO1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	354
Applicable Applications for anti-GNAO1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GNAO1.
Target Name	GNAO1
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach using GNAO1 antibody at dilution of 1:200 (400x lens).


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GNAO1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GNAO1 antibody	Heterotrimeric G proteins are membrane bound GTPases that are linked to 7-TM receptors. Each G protein contains an alpha-, beta- and gamma-subunit and is bound to GDP in the 'off' state. Ligand-receptor binding results in detachment of the G protein, switching it to an 'on' state and permitting Galpha activation of second messenger signalling cascades. There are several types of Galpha proteins; Galphas and Galphai bind directly to adenylyl cyclase and stimulate or inhibit its activity, leading to an increase or decrease in cAMP levels respectively.
Product Categories/Family for anti-GNAO1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	10567816
NCBI GeneID	2775
NCBI Accession #	NP_066268.1
NCBI GenBank Nucleotide #	NM_020988.2
UniProt Accession #	P09471; P29777; Q8TD72; Q9UMV4
Molecular Weight	40,087 Da
NCBI Official Full Name	guanine nucleotide-binding protein G(o) subunit alpha isoform a
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O
NCBI Official Symbol	GNAO1
NCBI Official Synonym Symbols	GNAO; EIEE17; G-ALPHA-o
NCBI Protein Information	guanine nucleotide-binding protein G(o) subunit alpha
UniProt Protein Name	Guanine nucleotide-binding protein G(o) subunit alpha
UniProt Gene Name	GNAO1
UniProt Entry Name	GNAO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.