

GNAO1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 40kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human GNAO1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GNAO; EIEE17; G-ALPHA-o;

Catalog #: A2510

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2775

Isotype: IgG

Swiss Prot: P09471

Purity: Affinity purification

For research use only.

Background:

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; G α s and G α i bind directly to adenylyl cyclase and stimulate or inhibit its activity, leading to an increase or decrease in cAMP levels respectively.

To place an order, please [Click HERE](#).