

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; Galphas and Galphai bind directly to adenylyl cyclase and stimulate or inhibit its activity, leading to an increase or decrease in cAMP levels respectively.

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