

Gα_o-GTP

Catalog Number: 26907

Gene Symbol: Gnao

Description: Anti-Gα_o-GTP Mouse Monoclonal Antibody

Background: Heterotrimeric G proteins are critical cellular signal transducers. Gα_o represents one sub-family of G proteins that could mediate the inhibition of adenylyl cyclases. Other biochemical and physiological functions of Gα_o proteins are being explored.

Immunogen: Recombinant full-length protein of Gα_o

Tested Applications: IP, IF, IHC

Recommended Dilutions:

IP: 1 μg for 1~2 mg total cellular proteins

IF, IHC: 1:50-1:250

Concentration: 1 mg/ml

Host: Mouse

Clonality: Monoclonal

Isotype: IgG1

Purity: Purified from ascites

Format: Liquid

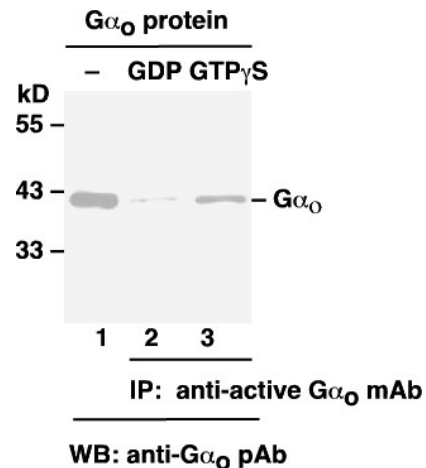
Preservative: No

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Anti-Gα_o-GTP antibody recognizes Gα_o of vertebrates

Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing

Immunoprecipitation/Western blot



Gα_o Activation Assay.

Purified Gα_o proteins were loaded as a control (lanes 1) or immunoprecipitated after treated with GDP (lane 2) or GTPγS (lane 3).

Immunoprecipitation was done with the anti-Gα_o-GTP monoclonal antibody (Cat. # 26907).

Immunoblot was with anti-Gα_o polyclonal antibody (Cat. # 21015).

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