

Active G α_o

Catalog Number: 26907

Gene Symbol: Gnao

Description: Anti-Active G α_o Mouse Monoclonal Antibody

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

Immunogen: Recombinant full length protein of active G α_o

Tested applications: IP, IHC

Recommended dilutions:

1 μ g for 1~2 mg total cellular proteins for IP;

1:100 dilution for IHC

Concentration: 1 mg/ml

Host: mouse

Clonality: Monoclonal

Isotype: IgG1

Purity: Purified from ascites

Format: Liquid

Storage buffer:

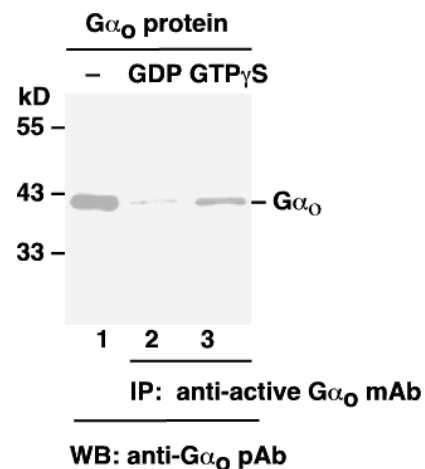
Preservative: no

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

Species Reactivity: Anti-active G α_o antibody recognizes active G α_o of vertebrates.

Storage Conditions: Store at -20°C. Avoid freeze / thaw cycles

Immunoprecipitation/Western blot



G α_o activation assay. Purified G α_o proteins were loaded as a control (lanes 1) or immunoprecipitated after treated with GDP (lane 2) or GTP γ S (lane 3). Immunoprecipitation was done with the anti-active G α_o monoclonal antibody (Cat. No. 26907). Immunoblot was with an anti-G α_o polyclonal antibody (Cat. No. 21015).