

GA_o-GTP

Anti GA_o-GTP Mouse Monoclonal Antibody

Cat. #: 26907

Size: 30 µL

Gene Symbol: Gnao

Description: Anti GA_o-GTP Mouse Monoclonal Antibody

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

Immunogen: Recombinant full length protein of active GA_o

Applications: IP, IHC and IF (**Not applicable for WB since SDS denatures GA_o GTPase**)

Recommended Dilutions:

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

IHC, IF: 1:50-1:250

Concentration: 1 mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype: IgG1

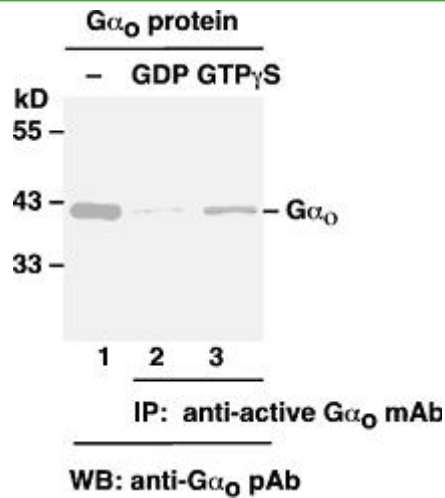
Purity: Purified from ascites

Preservative: No

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

Species Reactivity: Anti-active GA_o antibody recognizes active GA_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 GTP γ S (lane 3). Immunoprecipitation was done with the anti-active Gα_o monoclonal antibody (Cat. No. 26907). Immunoblot was with an anti-Gα_o polyclonal antibody (Cat. No. 21015).