

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

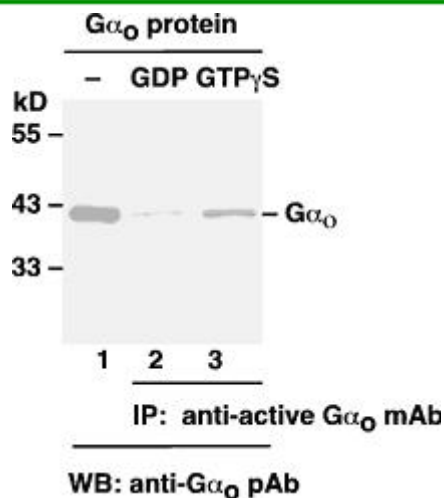
IHC, IF: 1:50~1:250

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 GTPγS (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).