

G α_z -GTP

Catalog Number: 26908

Gene Symbol: Gnaz

Description: Anti-G α_z -GTP Mouse Monoclonal Antibody

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

Immunogen: Recombinant full-length protein of active G α_z

Tested Applications: IP, IHC, IF

Recommended Dilutions:

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

IHC, IF: 1:100-1:500

Concentration: 1 mg/ml

Host: Mouse

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

Format: Liquid

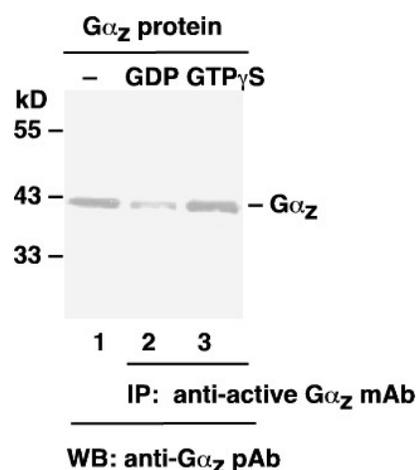
Preservative: No

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

Species Reactivity: Anti-G α_z -GTP antibody recognizes active G α_z of vertebrates

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

Immunoprecipitation/Western blot



G α_z Activation Assay.

Purified G α_z 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-G α_z -GTP monoclonal antibody (Cat. No. 26908). Immunoblot was with anti-G α_z polyclonal antibody.

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