

GAI PAB

Gα_i Polyclonal Antibody

Cat. #: 21006

Gene Symbol: Gα_i

Description: Anti-Gα_i Rabbit Polyclonal Antibody

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

Immunogen: Recombinant full length protein of Gα_{ii}

Applications: ELISA, WB, IHC

Recommended Dilutions: ELISA 1:100–1:5000, WB 1:100–1:2000

Concentration: 1 mg/ml

Host Species: Rabbit

Format: Liquid

Clonality: Polyclonal

Isotype: IgG

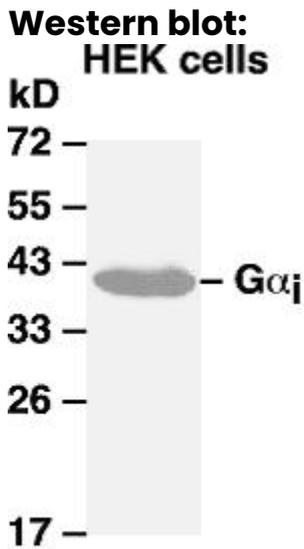
Purity: Purified from serum

Preservative: No

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

Species Reactivity: Gα_i antibody recognizes Gα_{ii1}, Gα_{ii2}, and Gα_{ii3} of vertebrates

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



WB: anti-Gα_i pAb

Western blot analysis of Gi proteins.

Gα_{i1} plasmid DNA was transiently transfected into HEK-293 cells. Whole-cell lysate was used for western blot with the polyclonal anti Gα_i antibody (cat # 21006).