

## GAI PAB

### Gα<sub>i</sub> Polyclonal Antibody

**Cat. #:** 21006

**Gene Symbol:** Gα<sub>i</sub>

**Description:** Anti-Gα<sub>i</sub> Rabbit Polyclonal Antibody

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

**Immunogen:** Recombinant full length protein of Gα<sub>ii</sub>

**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

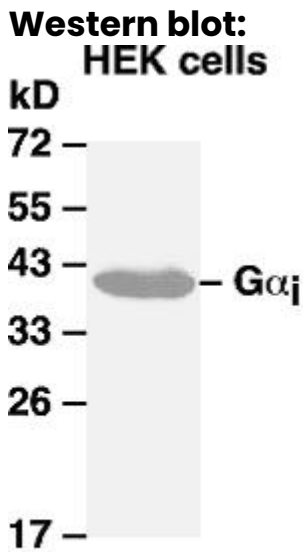
**Purity:** Purified from serum

**Preservative:** No

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 50% glycerol

**Species Reactivity:** Gα<sub>i</sub> antibody recognizes Gα<sub>ii1</sub>, Gα<sub>ii2</sub>, and Gα<sub>ii3</sub> of vertebrates

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



**WB: anti-Gα<sub>i</sub> pAb**

**Western blot analysis of Gi proteins.**

Gα<sub>i1</sub> plasmid DNA was transiently transfected into HEK-293 cells. Whole-cell lysate was used for western blot with the polyclonal anti Gα<sub>i</sub> antibody (cat # 21006).