

GA13 PAB

GA13 Polyclonal Antibody

Cat. #: 21005

Gene Symbol: Ga13

Description: Anti-G α_{13} Rabbit Polyclonal Antibody

Background: Heterotrimeric G proteins are essential cellular signal transducers. G α_{13} is one of the G proteins that could mediate cell migration and angiogenesis. Other biochemical and physiological functions of G α_{13} are being explored.

Immunogen: Recombinant full length G α_{13} protein

Applications: ELISA, WB, IHC

Recommended Dilutions:

ELISA 1:100-1:5000

WB 1:100-1:2000

IHC 1:50-1:100

Concentration: 1 mg/ml

Host Species: Rabbit

Format: Liquid

Clonality: Polyclonal

Isotype: IgG

Purity: Purified from serum

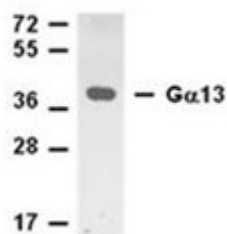
Preservative: No

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

Species Reactivity: G α_{13} polyclonal antibody recognizes G α_{13} of vertebrates.

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

Western blot:

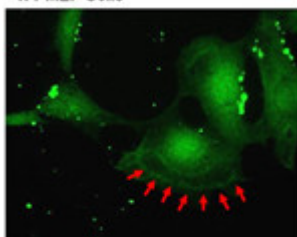


WB: anti-G α 13 pAb

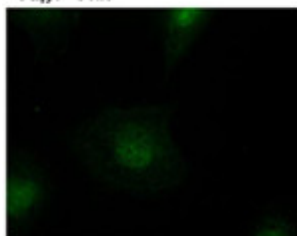
Western blot analysis of G α ₁₃ proteins.

MEF whole-cell lysates were used for western blot with anti G α ₁₃ polyclonal antibody (Cat. # 21005).

WT MEF Cells



G α ₁₃^{-/-} Cells



Immunofluorescence of mouse embryonic fibroblast (MEF) cells. Wild-type MEF cells (top panel) and G α ₁₃ double knock-out cells (G α ₁₃ ^{-/-}, bottom panel) were fixed and stained with anti-G α ₁₃ polyclonal antibody (Cat. # 21005). Arrows indicate the dorsal ruffle structure of one cell.