

G α ₁₃

Catalog Number: 21005

Gene Symbol: Gna13

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 explored.

Immunogen: Recombinant full-length G α ₁₃ protein

Tested 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: Rabbit

Clonality: Polyclonal

Purity: Purified from serum

Format: Liquid

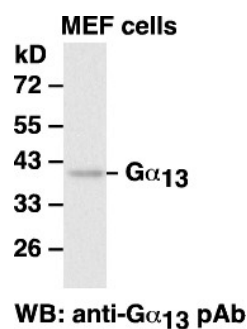
Preservative: No

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

Species Reactivity: G α ₁₃ polyclonal antibody recognizes G α ₁₃ of vertebrates.

Storage Conditions: Store at -20°C. Avoid freeze / thaw cycles

Western blot:



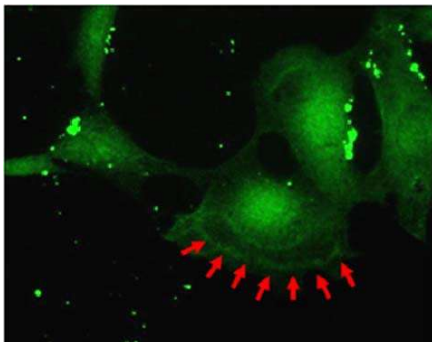
Western blot analysis of G α ₁₃ proteins.

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

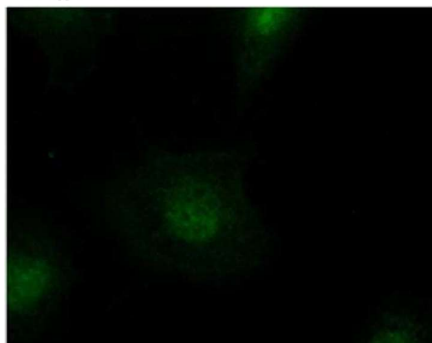
FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

Immunofluorescence:

WT MEF Cells



$G\alpha_{13}^{-/-}$ Cells



Immunofluorescence of mouse embryonic fibroblast (MEF) cells.

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

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS