

Phospho-FAK-Y397 Rabbit Polyclonal Antibody



CABP0302

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

120kDa

Calculated MW:

39kDa/48kDa/63kDa/99kDa/
114kDa/119kDa/120kDa

Applications:

WB

Reactivity:

Human, Mouse, Rat

Protein Background

This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:

5747

Uniprot

Q05397

Synonyms:

FADK; FAK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK; PTK2

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

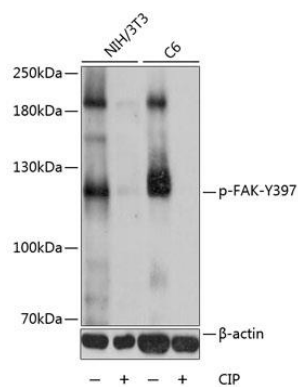
Immunogen:

A synthetic phosphorylated peptide around Y397 of human FAK (NP_722560.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using Phospho-FAK-Y397 antibody (CABP0302) at 1:1000 dilution. NIH 3T3 cell lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37'C for 1 hour .C6 cell lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37'C for 1 hour . Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.