

FAK Rabbit Polyclonal Antibody



CAB11531

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

125kDa

Calculated MW:

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

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:1000 - 1:2000 IHC
1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

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

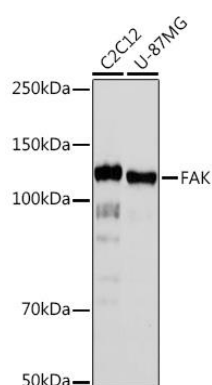
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 425-660 of human FAK (NP_005598.3).

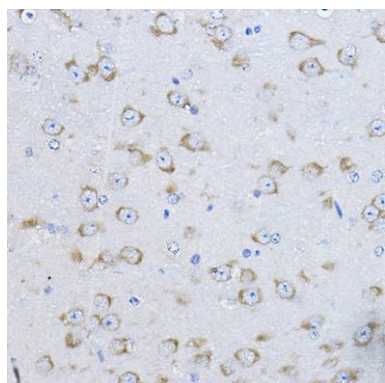
Storage:

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

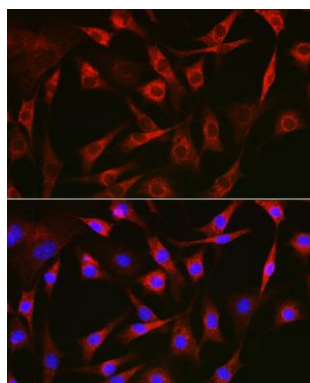
Product Images



Western blot analysis of extracts of various cell lines, using FAK antibody (CAB11531) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded mouse brain using FAK Rabbit pAb (CAB11531) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of NIH-3T3 cells using FAK Rabbit pAb (CAB11531) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.