

# FAK Rabbit pAb

Catalog No.: A11531 **1 Publications**

## Basic Information

### Observed MW

125KDa

### Calculated MW

39kDa/48kDa/63kDa/99kDa/114kDa/19kDa/120kDa

### Category

Primary antibody

### Applications

WB,IHC,IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

|               |                 |
|---------------|-----------------|
| <b>WB</b>     | 1:1000 - 1:2000 |
| <b>IHC</b>    | 1:50 - 1:200    |
| <b>IF/ICC</b> | 1:50 - 1:200    |

## Immunogen Information

|                |                   |
|----------------|-------------------|
| <b>Gene ID</b> | <b>Swiss Prot</b> |
| 5747           | Q05397            |

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 734-834 of human FAK (NP\_722560.1).

### Synonyms

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

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

|               |                |                       |
|---------------|----------------|-----------------------|
| <b>Source</b> | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit        | IgG            | Affinity purification |

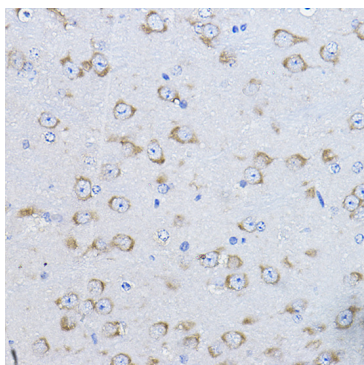
### Storage

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

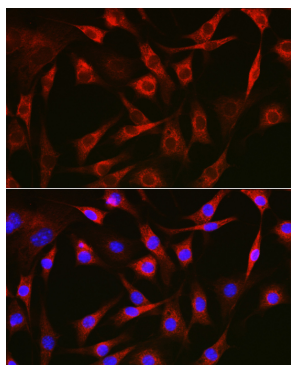
Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.

## Validation Data

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Immunohistochemistry of paraffin-embedded mouse brain using FAK Rabbit pAb (A11531) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of NIH-3T3 cells using FAK Rabbit pAb (A11531) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.