

Datasheet for ABIN306813
anti-FAK antibody (C-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	FAK (PTK2)
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAK antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Bacterially expressed fusion protein consisting of the C-terminal 150 amino acids of the mouse FAK
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Focal Adhesion Kinase (FAK) is a 120 kDa tyrosine kinase which become phosphorylated in response to oncogene- and extracellular-matrix integrin-dependent stimulation. Chicken, mouse and human FAK has been isolated and the deduced amino acid sequences showed identity of over 90 % . It is expressed in embryonic stem cells, and ubiquitously throughout development, in all adult tissues examined and in many cell lines. The highest expression of FAK is seen in the brain, testes and in osteoclasts. It is distinct from other non-receptor protein tyrosine kinases in that its catalytic domain is flanked by amino- and carboxy-terminal domains of about

Product Details

400 amino acids each. Also, it does not contain the Src homology 2 or 3 domains, which mediate protein-protein interaction, nor a myristylation site that anchors proteins to the membrane.

Purification: Ammonium Sulfate Precipitation

Target Details

Target: FAK (PTK2)

Alternative Name: Focal Adhesion Kinase (FAK) ([PTK2 Products](#))

UniProt: [P34152](#)

Pathways: [Response to Growth Hormone Stimulus](#), [CXCR4-mediated Signaling Events](#), [Smooth Muscle Cell Migration](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [VEGF Signaling](#)

Application Details

Application Notes: Detect focal adhesion kinase by IP/Western analysis in BALB/c 3T3 fibroblasts¹. Detects a 120 kDa band. Optimal concentration should be evaluated by serial dilutions.

Restrictions: For Research Use only

Handling

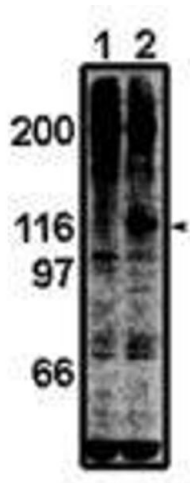
Buffer: Provided as solution in phosphate buffered saline with 0.08 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles



Immunoprecipitation

Image 1. Immunoprecipitation of FAK using FAK antibody preimmune serum (1) and affinity- purified antibody (2).