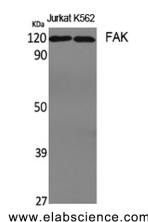


FAK Polyclonal Antibody

Catalog No.	E-AB-31400	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC-p,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of Jurkat, K562 cells using FAK Polyclonal Antibody at dilution of 1:1000.

Immunogen Information

Immunogen	Synthesized peptide derived from human FAK around the non-phosphorylation site of Tyr407.
Swissprot	Q05397
Synonyms	PTK2,FAK,FAK1,Focal adhesion kinase 1,FADK 1,Focal adhesion kinase-related nonkinase,FRNK,Protein phosphatase 1 regulatory subunit 71,PPP1R71,Protein-tyrosine kinase 2,p125FAK,pp125FAK

Product Information

Calculated MW	119kDa
Observed MW	119kDa
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:2000, IHC 1:100-1:300, ELISA 1:5000

Background

Non-receptor protein-tyrosine kinase implicated in signaling pathways involved in cell motility, proliferation and apoptosis. Activated by tyrosine-phosphorylation in response to either integrin clustering induced by cell adhesion or antibody cross-linking, or via G-protein coupled receptor (GPCR) occupancy by ligands such as bombesin or lysophosphatidic acid, or via LDL receptor occupancy. Microtubule-induced dephosphorylation at Tyr-397 is crucial for the induction of focal adhesion disassembly. Plays a potential role in oncogenic transformations resulting in increased kinase activity.

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 Service for life science**

Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.