

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

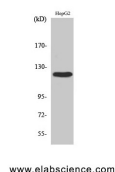
Description

| | |
|---------------------|---|
| Reactivity | Human,Mouse,Rat |
| Immunogen | Synthesized peptide derived from human FAK around the non-phosphorylation site of Tyr397. |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4 |

Applications Recommended Dilution

| | |
|--------------|--------------|
| WB | 1:500-1:2000 |
| IHC | 1:100-1:300 |
| IF | 1:200-1:1000 |
| ELISA | 1:10000 |

Data



Western Blot analysis of HepG2 cells using FAK
Polyclonal Antibody at dilution of 1:500.

Observed Mw:119kDa
Calculated Mw:119kDa

Preparation & Storage

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

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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