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Phospho-FAK (Tyr397) Polyclonal Antibody

Cat #: G-AB-05775

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #:

Immunogen: Synthesized peptide derived from human FAK around the phosphorylation site of Tyr397

Conjugation: Unconjugated

Swissprot: Q05397

Calculated Molecular Weight: 119 kDa

Observed Molecular Weight: 119 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB,IHC-p,ELISA

Dilution: WB 1:500-1:2000, IHC 1:100-1:300, ELISA 1:5000

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