

Phospho-FAK (Tyr397) Polyclonal Antibody

catalog number: E-AB-21207

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

Description

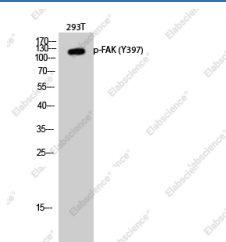
Reactivity	Human;Mouse;Rat
Immunogen	Synthesized peptide derived from human FAK around the phosphorylation site of Tyr397
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300

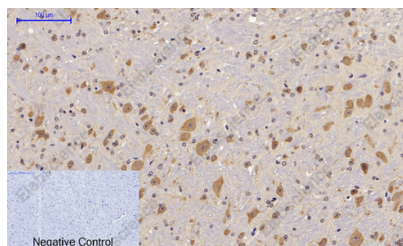
Data



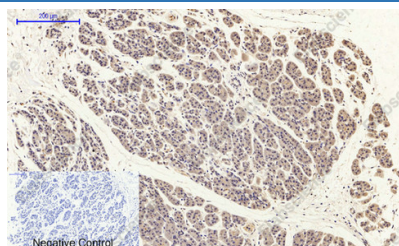
Western Blot analysis of 293T cells with Phospho-FAK (Tyr397) Polyclonal Antibody at dilution of 1:1000

Observed-MW:119 kDa

Calculated-MW:119 kDa



Immunohistochemistry of paraffin-embedded Mouse brain tissue with Phospho-FAK (Tyr397) Polyclonal Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Human stomach cancer tissue with Phospho-FAK (Tyr397) Polyclonal Antibody at dilution of 1:200

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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Rev. V1.9

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.