Phospho-FAK (Tyr397) Polyclonal Antibody

Catalog Number:E-AB-21207 1 Publications

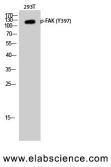
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from human FAK around the phosphorylation site of Tyr397
Host	Rabbit
Isotype	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
ELISA	1:5000

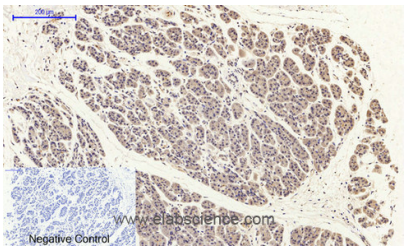
Data



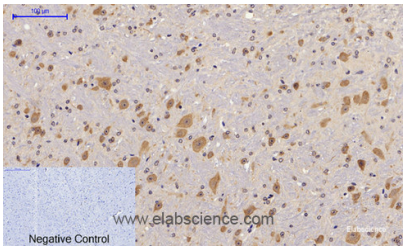
Western Blot analysis of 293T cells with Phospho-FAK (Tyr397) Polyclonal Antibody at dilution of 1:1000

Observed Mw:119kDa

Calculated Mw:119kDa



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



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

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

For Research Use Only

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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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