

Rabbit FAK Polyclonal Antibody | anti-FAK antibody

Phospho-FAK (Y397) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA171768	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

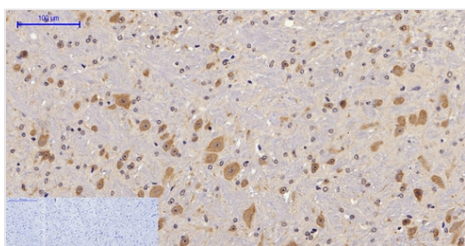
PRODUCT SYNONYMS

FAK; Polyclonal Antibody; Phospho-FAK (Y397) Polyclonal Antibody; PTK2; FAK1; Focal adhesion kinase 1; FADK1; Focal adhesion kinase-related nonkinase; FRNK; Protein phosphatase 1 regulatory subunit 71; PPP1R71; Protein-tyrosine kinase 2; p125FAK; pp125FAK.; anti-FAK antibody

PRODUCT SPECIFICATIONS

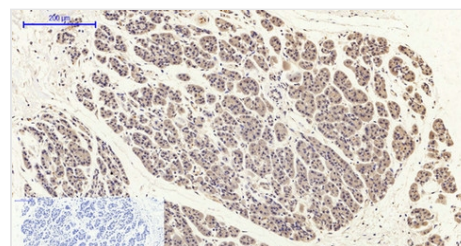
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Applicable Applications for anti-FAK antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human FAK around the phosphorylation site of Tyr397.
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



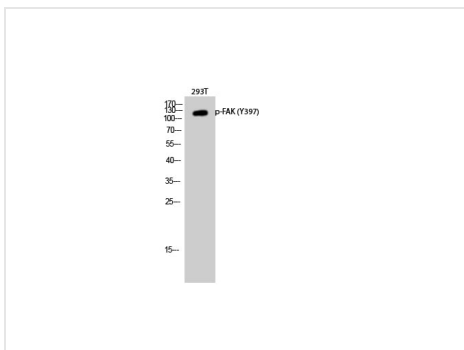
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-FAK antibody	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. Microtubuleinduced 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.
Product Categories/Family for anti-FAK antibody	Phospho Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	939106606
NCBI GeneID	5747
NCBI Accession #	NP_001303271.1
NCBI GenBank Nucleotide #	NM_001316342.1
UniProt Accession #	Q05397 ; Q14291 ; Q8IYN9 ; Q9UD85 ; B4E2N6 ; F5H4S4 ; J3QT16
Molecular Weight	Calculated MW: 119kDa Observed MW: 119kDa
NCBI Official Full Name	focal adhesion kinase 1 isoform d
NCBI Official Synonym Full Names	protein tyrosine kinase 2
NCBI Official Symbol	PTK2
NCBI Official Synonym Symbols	FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK
NCBI Protein Information	focal adhesion kinase 1
UniProt Protein Name	Focal adhesion kinase 1
UniProt Gene Name	PTK2
UniProt Synonym Gene Names	FAK; FAK1; FADK 1; FRNK; PPP1R71
UniProt Entry Name	FAK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/fak-antibody-immunohistochemistry-western-blot-elisa/171768>