

FAK Antibody | anti-FAK antibody

FAK (Phospho-Tyr397) Antibody

CATALOG # AAA111560	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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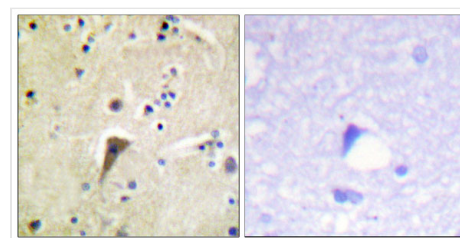
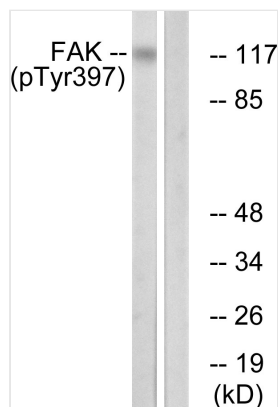
PRODUCT SYNONYMS

FAK; FAK (Phospho-Tyr397) Antibody; EC 2.7.10.2; FADK 1; FAK1; Focal adhesion kinase 1; PTK2; Protein-tyrosine kinase 2; pp125FAK; anti-FAK antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	FAK (Phospho-Tyr397) antibody detects endogenous levels of FAK only when phosphorylated at tyrosine 397.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1065
Applicable Applications for anti-FAK antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human FAK around the phosphorylation site of tyrosine 397 (D-D-YP-A-E).
All Sites	Human: Tyr397 Mouse: Tyr428 Rat: Tyr397
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using FAK (Phospho-Tyr397) antibody. Western blot analysis of extracts from Jurkat cells, treated with Ca²⁺ (40nM, 30mins), using FAK (Phospho-Tyr397) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-FAK antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Whitney G.S., DNA Cell Biol. 12:823-830(1993). Andre E., Biochem. Biophys. Res. Commun. 190:140-147(1993). Lee S.-T., Oncogene 8:3403-3410(1993).

NCBI AND UNIPROT INFORMATION

NCBI GI #	313851044
NCBI GeneID	5747
NCBI Accession #	NP_001186578.1
NCBI GenBank Nucleotide #	NM_001199649.1
UniProt Accession #	Q05397; Q14291; Q8IYN9; Q9UD85; B4E2N6; F5H4S4; J3QT16
Molecular Weight	114,253 Da
NCBI Official Full Name	focal adhesion kinase 1 isoform c
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

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/fak/111560>