

FAK Antibody | anti-FAK antibody

FAK (Phospho-Tyr407) Antibody

CATALOG # AAA267423	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	--	--

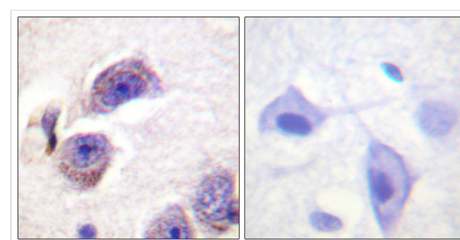
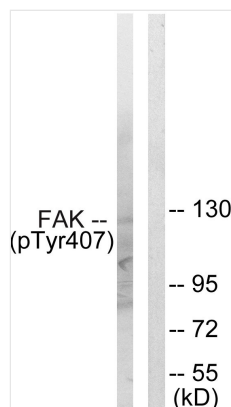
PRODUCT SYNONYMS

FAK; FAK (Phospho-Tyr407) 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-Tyr407) antibody detects endogenous levels of FAK only when phosphorylated at tyrosine 407.
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 407 (D-T-YP-T-M).
All Sites	Human: Tyr407 Mouse: Tyr438 Rat: Tyr407
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-Tyr407) antibody. Western blot analysis of extracts from COS-7 cells, treated with EGF (200ng/ml, 30mins), using FAK (Phospho-Tyr407) antibody.

ADDITIONAL INFORMATION

References	Graham Jones. Cancer Res., Aug 2001; 61: 5688-5691. Chuanhai Zheng. J. Biol. Chem., Jan 1998; 273: 2384. Ian S. Hitchcock. Blood (ASH Annual Meeting Abstracts), Nov 2006; 108: 354.
------------	--

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/fak/267423>