

Rabbit FAK / Focal Adhesion Kinase Polyclonal Antibody | anti-PTK2 antibody

Rabbit Polyclonal to Human FAK / Focal Adhesion Kinase

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50662	Rabbit	Gibbon, Gorilla, Human, Monkey, Mouse Predicted Reactivity: Rat, Bat, Bovine, Dog, Horse, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

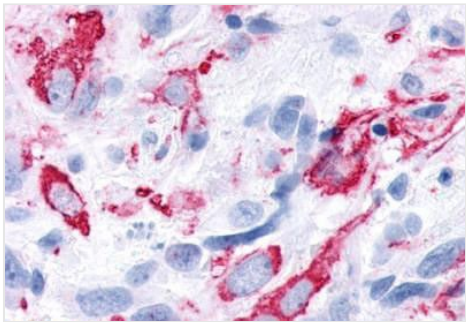
PRODUCT SYNONYMS

FAK / Focal Adhesion Kinase; Polyclonal Antibody; Rabbit Polyclonal to Human FAK / Focal Adhesion Kinase; Anti-FAK / Focal Adhesion Kinase Antibody (C-Terminus) IHC-plus; FADK; Fadk1; Focal adhesion kinase; FRNK; FADK 1; Focal adhesion kinase 1; FAK1; p125FAK; PPP1R71; Protein-tyrosine kinase 2; PTK2 protein tyrosine kinase 2; pp125 FA kinase; Pp125FAK; Human FAK; Focal Adhesion Kinase; anti-PTK2 antibody

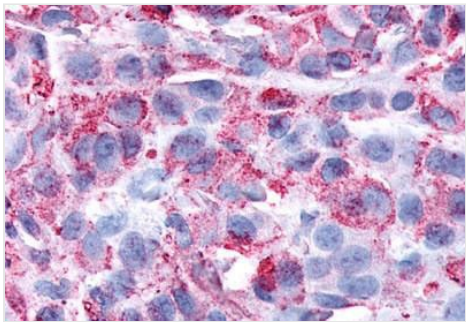
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Monkey, Mouse Predicted Reactivity: Rat, Bat, Bovine, Dog, Horse, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human FAK. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1074
Applicable Applications for anti-PTK2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from C-terminus of human FAK. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Mouse (100%); Rat, Dog, Bat, Bovine, Elephant, Horse, Rabbit, Opossum, Platypus (94%).
Immunogen Type	Synthetic peptide
Immunogen	FAK / Focal Adhesion Kinase antibody was raised against synthetic 16 amino acid peptide from C-terminus of human FAK. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Mouse (100%); Rat, Dog, Bat, Bovine, Elephant, Horse, Rabbit, Opossum, Platypus (94%); Hamster, Xenopus (88%); Turkey, Chicken, Pufferfish (81%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

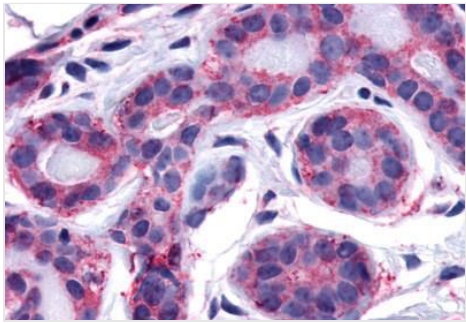
IMAGES



IHC (Immunohistochemisry)
Anti-FAK / Focal Adhesion Kinase antibody IHC of human Brain, Glioblastoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohiostchemistry)
Anti-FAK / Focal Adhesion Kinase antibody IHC of human Skin, Melanoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-FAK antibody IHC of human lobular epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PTK2 antibody	Focal adhesion kinase (FAK) is a non-receptor protein-tyrosine kinase that is involved in signaling pathways involved in cell motility, proliferation, and apoptosis. FAK is 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.
Product Categories/Family for anti-PTK2 antibody	Family: Protein Kinase; Subfamily: Focal Adhesion Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886593
NCBI GeneID	5747
NCBI Accession #	NP_005598.3
NCBI GenBank Nucleotide #	NM_005607.4
UniProt Accession #	Q05397; Q14291; Q8IYN9; Q9UD85; B4E2N6; F5H4S4; J3QT16
Molecular Weight	114,253 Da
NCBI Official Full Name	focal adhesion kinase 1 isoform b
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; FADK 1; PTK2 protein tyrosine kinase 2; FAK-related non-kinase polypeptide; focal adhesion kinase isoform FAK-Del33; focal adhesion kinase-related nonkinase; protein phosphatase 1 regulatory subunit 71; protein phosphatase 1, regulatory subunit 71
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fak-focal-adhesion-kinase-antibody-immunohistochemistry-elisa/50662>