

Rabbit FAK Polyclonal Antibody | anti-FAK antibody

FAK Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30546	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

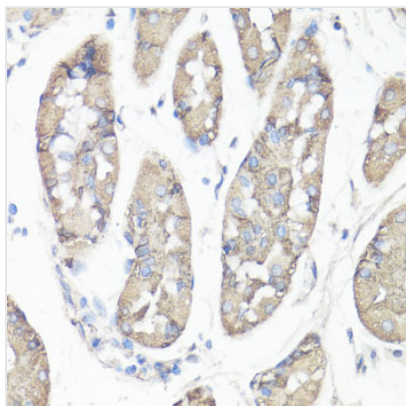
PRODUCT SYNONYMS

FAK; Polyclonal Antibody; FAK Polyclonal Antibody; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK; PTK2; anti-FAK antibody

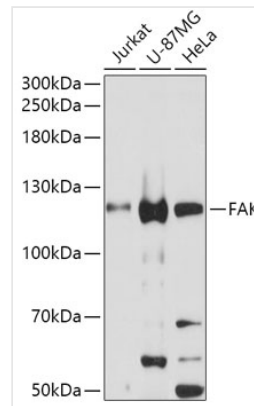
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 156% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.109
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-FAK antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200 IP: 1:50-1:100
Immunogen	A synthetic peptide of human FAK (NP_722560.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

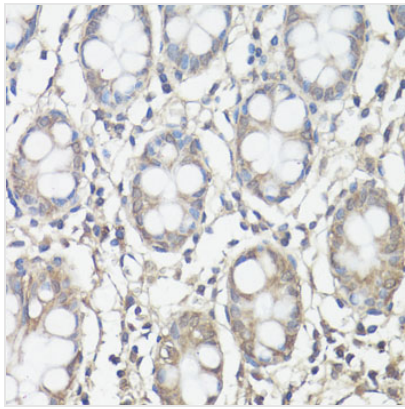
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using FAK antibody at dilution of 1:100 .

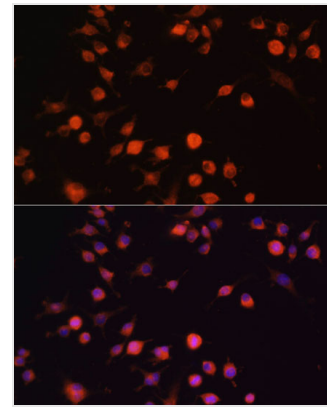

WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PTK2 antibody at 1:1000 dilution.



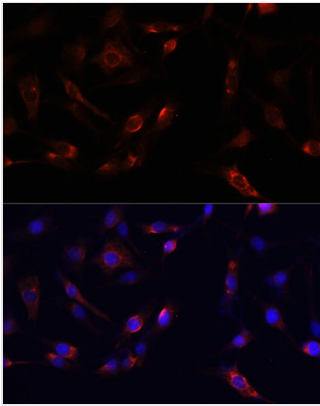
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using FAK antibody at dilution of 1:100 .



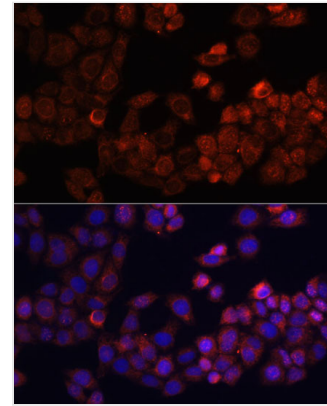
IF (Immunofluorescence)

Immunofluorescence analysis of RAW264.7 cells using FAK antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of PC12 cells using FAK antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using FAK antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-FAK antibody	This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-FAK antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	24476013
NCBI GeneID	5747
NCBI Accession #	NP_722560.1
NCBI GenBank Nucleotide #	NM_153831.3
UniProt Accession #	Q05397 ; Q14291 ; Q8IYN9 ; Q9UD85 ; B4E2N6 ; F5H4S4 ; J3QT16
Molecular Weight	114,253 Da
NCBI Official Full Name	focal adhesion kinase 1 isoform a
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/fak-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30546>