

Rabbit anti-Human Focal Adhesion Kinase (FAK) Polyclonal Antibody | anti-FAK antibody

Polyclonal Antibody to Focal Adhesion Kinase (FAK)

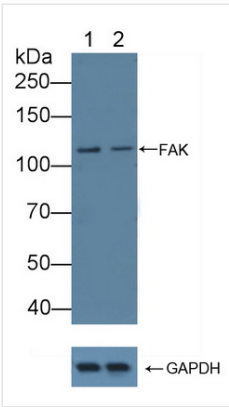
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134986	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Focal Adhesion Kinase (FAK); Polyclonal Antibody; Polyclonal Antibody to Focal Adhesion Kinase (FAK); anti-FAK antibody

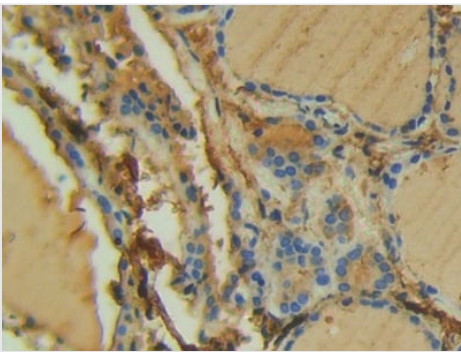
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against FAK. It has been selected for its ability to recognize FAK in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	0.75mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGS- GIGQVLPTL MEERLIRQQQ EMEEDQRWLE KEERFLKPDV RLSRGSIDRE DGS LQGPIGN QHIYQPVGKP DPAAPPKKPP RPGAPGHLGS LASLSPADS YNEGVLQPQ EISPPPTANL DRSNDKVYEN VTGLVKAVIE MSSKIQPAPP EEYVPMVKEV GLALRTLAT VDETIPLPA STHREIEMAQ KLLNSDLGEL INK
Sequence Length	1052
Applicable Applications for anti-FAK antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant FAK (Gly798~Ala1041) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

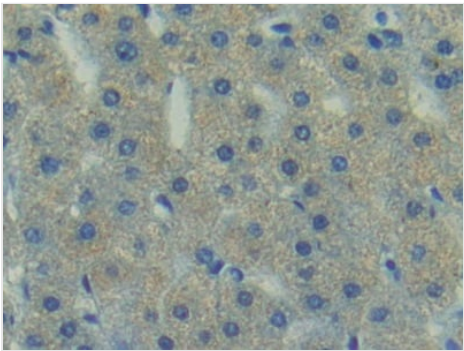


Application Data

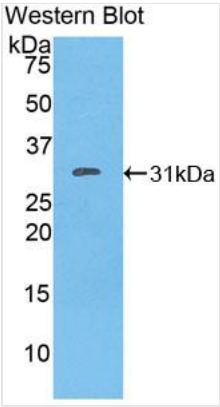
Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: FAK knockout Jurkat cell lysate; Predicted MW: 39,48,63,100,120kd Observed MW: 120kd Primary Ab: 1ug/ml Rabbit Anti-Human FAK Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



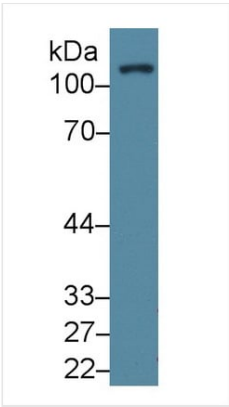
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Thyroid Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin- embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human Lung lysate; Primary Ab: 1ug/ml Rabbit Anti-Human FAK Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-FAK antibody	Knock-Out Validation Antibody
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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/polyclonal/focal-adhesion-kinase-fak-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/134986>