

Anti-FAK Rabbit pAb

Purified Rabbit Polyclonal Antibody

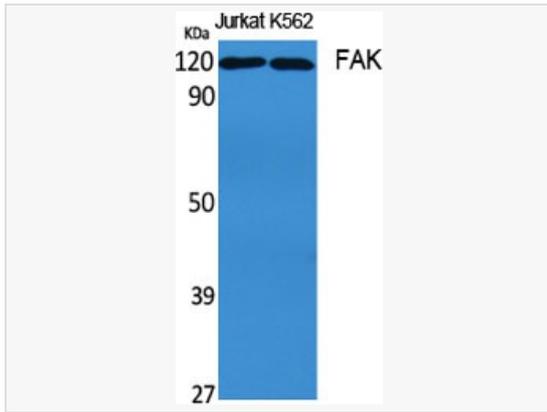
Catalog # P011333

Product Information

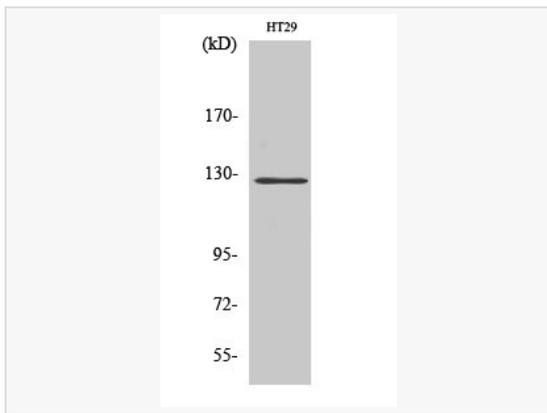
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human FAK.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-FAK antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

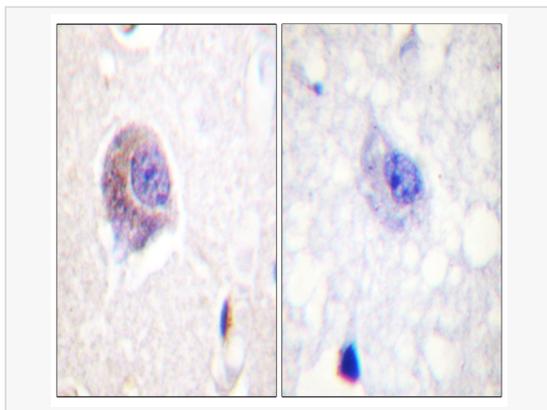
Synonyms	PTK2, FAK, FAK1, Focal adhesion kinase 1, FADK 1, Focal adhesion kinase-related nonkinase, FRNK, Protein phosphatase 1 regulatory subunit 71, PPP1R71, Protein-tyrosine kinase 2, p125FAK, pp125FAK.
Calculated MW	Calculated MW: 119 kDa; Observed MW: 119 kDa
Uniprot ID	Q05397
Gene ID	5747
Background	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.



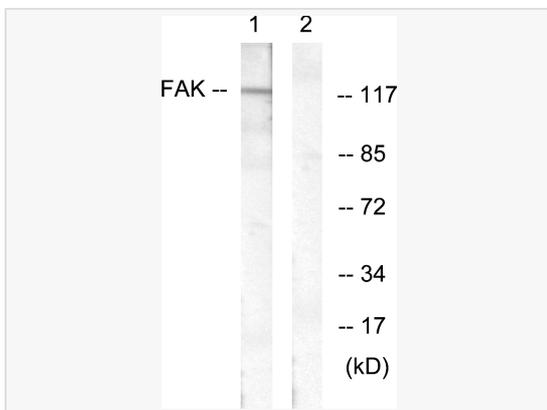
Western blot analysis of FAK in various lysates using FAK antibody.



Western blot analysis of FAK in HT-29 lysates using FAK antibody.



Immunohistochemistry analysis of paraffin-embedded Human brain tissue using FAK antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of FAK in HeLa lysates treated with EGF using FAK antibody. The lane on the right is blocked with the synthesized peptide.