

Product datasheet for **TA385089**

FAK (PTK2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF, IHC, IP, WB
Recommended Dilution:	WB: 1/500-1/2000 IHC: 1/50-1/200 ICC/IF: 1/50-1/200 IP: 1/30 FC: 1/50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthesized peptide derived from human FAK
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	119kDa
Gene Name:	protein tyrosine kinase 2
Database Link:	Entrez Gene 5747 Human Q05397



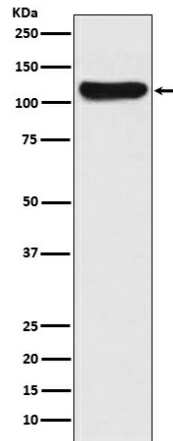
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Background:

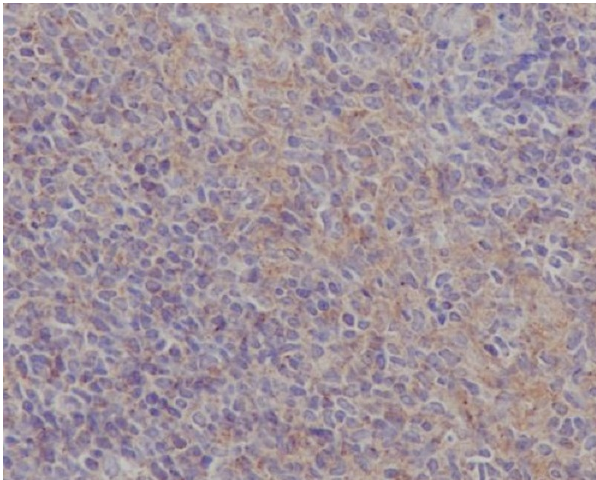
Swiss-Prot Acc.Q05397.This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks 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.

Synonyms:

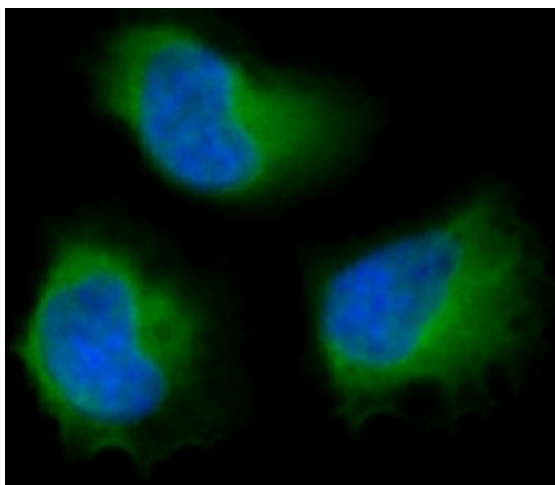
FADK; FAK; FAK1; FRNK; pp125FAK

Product images:

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



Immunohistochemistry analysis of paraffin-embedded mouse spleen using FAK antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of FAK in HeLa using FAK antibody.