

FAK (phospho Tyr577) Polyclonal Antibody

Catalog No: #13873



Package Size: #13873-1 50ul #13873-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	FAK (phospho Tyr577) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-FAK (Y577) Polyclonal Antibody detects endogenous levels of FAK protein only when phosphorylated at Y577.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human FAK around the phosphorylation site of Tyr577. AA range:543-592
Other Names	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
Accession No.	Swiss Prot:Q05397GenelD:5747
Uniprot	Q05397
GenelD	5747
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Background

protein tyrosine kinase 2(PTK2) Homo sapiens 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, but the full-length natures of only four of them have been determined. [provided by RefSeq, Oct 2015],

Note: This product is for in vitro research use only