

PTK2 Antibody

Catalog No: #36214

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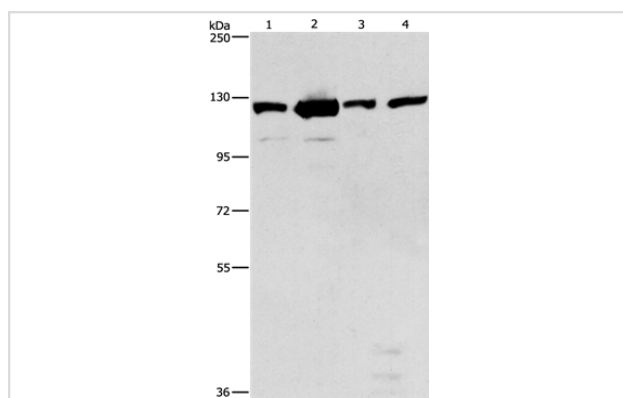
Description

Product Name	PTK2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PTK2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human protein tyrosine kinase 2
Target Name	PTK2
Other Names	FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK
Accession No.	Swiss-Prot#: Q05397NCBI Gene ID: 5747Gene Accssion: BC028733
Uniprot	Q05397
GeneID	5747;
SDS-PAGE MW	119kd
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images



Gel: 6%SDS-PAGE

Lysates (from left to right): 231, NIH/3T3, A431 and hela cell

Amount of lysate: 40ug per lane

Primary antibody: 1/300 dilution

Secondary antibody dilution: 1/8000

Exposure time: 40 seconds

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. Several transcript variants encoding different isoforms have been found for this gene, but the full-length natures of only three of them have been determined.

Note: This product is for in vitro research use only