

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FAK



Numéro de catalogue: 12636-1-AP

Phare

72 Publications

Informations de base

Numéro de catalogue:
12636-1-AP

Taille:
150ul, Concentration: 550 µg/ml by Nanodrop and 533 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG3331

Numéro d'acquisition GenBank:
BC028733

Identification du gène (NCBI):
5747
Nom complet:
PTK2 protein tyrosine kinase 2

MW calculé
1052 aa, 119 kDa

MW observés:
110 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
IHC 1:20-1:200
IF 1:400-1:1600

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
CoIP, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, poulet, rat, singe, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules MCF7, cellules A431, cellules HEK-293, cellules HeLa, cellules Jurkat, cellules MCF-7, cellules NIH/3T3

IP : tissu cérébral de souris,

IHC : tissu de gliome humain, tissu de cancer du sein humain

IF : cellules HUVEC, cellules A549

Informations générales

FAK (Focal adhesion kinase 1) is also named as FAK1, FADK, pp125FAK, FAK and belongs to the protein kinase superfamily. It is a critical tyrosine kinase that modulates cell adhesion, migration, proliferation and survival in response to extracellular signals (PMID:19664602). It also acts as a pivotal signal 'integrator', controlling and coordinating cellular responses that include cell migration, survival, proliferation and, epithelial tissue repair after DNA damage (PMID:20966971). This protein has some isoforms produced by alternative promoter usage and alternative splicing, and the range of the molecular weights are 100-120kD and 40-60kD.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yinhang Wang	31570694	Cell Death Dis	WB
Jing Zhao	32986180	Biotechnol Lett	WB
Lianhong Yin	29033837	Front Pharmacol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

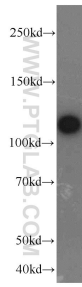
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

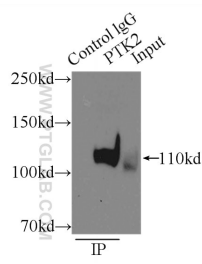
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

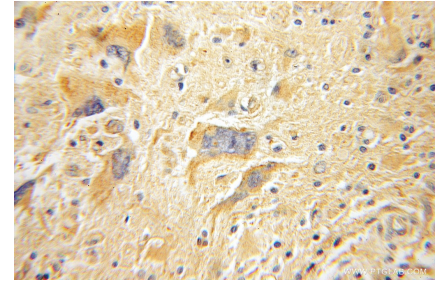
Données de validation sélectionnées



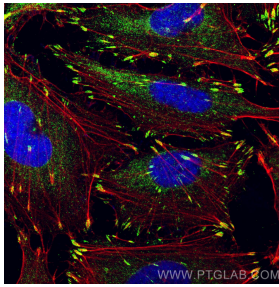
MCF7 cells were subjected to SDS PAGE followed by western blot with 12636-1-AP (FAK antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP Result of anti-FAK (IP:12636-1-AP, 3ug; Detection:12636-1-AP 1:2000) with mouse brain tissue lysate 8000ug.



Immunohistochemical analysis of paraffin-embedded human gliomas using 12636-1-AP (FAK antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed HUVEC cells using FAK antibody (12636-1-AP) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CoraLite®594 Beta Actin antibody (CL594-66009, Clone: 2D4H5, red).