

À des fins de recherche uniquement

Anticorps Monoclonal anti-PI3 Kinase p85 Beta



Numéro de catalogue: 67644-1-Ig **3 Publications**

Informations de base

Numéro de catalogue: 67644-1-Ig	Numéro d'acquisition GenBank: BC014170	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5296	CloneNo.: 2B3B6
Hôte: Mouse	Nom complet: phosphoinositide-3-kinase, regulatory subunit 2 (beta)	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:200-1:800
Isotype: IgG2b	MW calculé 728 aa, 82 kDa	
Immunogen Catalog Number: AG14369	MW observés: 85 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

rat, souris

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

Contrôles positifs:

WB : cellules HEK-293, cellules 4T1, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules LNCaP, cellules MCF-7, cellules NIH/3T3

IHC : tissu de côlon humain,

Informations générales

PI3 Kinase p85 is also named as PIK3R2 and belongs to the PI3K p85 subunit family. PI3 Kinase p85 is a regulatory subunit of phosphoinositide-3-kinase (PI3K) which is a kinase that phosphorylates phosphatidylinositol 4,5-bisphosphate to generate PIP3. PI3 Kinase p85 binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain, and then acts as an adapter to mediate the association of the p110 catalytic unit to the plasma membrane. It promotes nuclear translocation of XBP1 isoform 2 in a ER stress or insulin-dependent manner during metabolic overloading in the liver and hence plays a role in glucose tolerance improvement (PMID:23604317).

Publications notables

Autrice	Pubmed ID	Journal	Application
Chengliang Wang	33781876	J Ethnopharmacol	WB
Dan Wang	34160118	Environ Toxicol	WB
Yiming Xia	35468821	Proteome Sci	WB,IF

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.

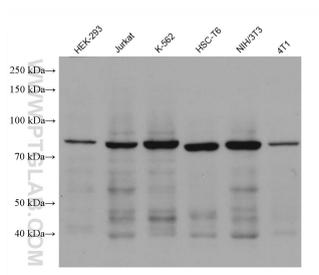
For technical support and original validation data for this product please contact:

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

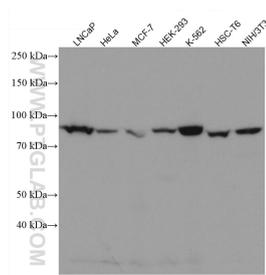
E: proteintech@ptglab.com
W: ptglab.com

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

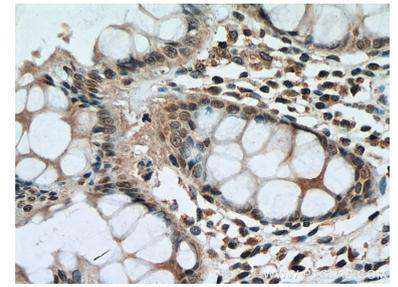
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67644-1-Ig (PI3 Kinase p85 Beta antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67644-1-Ig (PIK3R2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 67644-1-Ig (PIK3R2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 67644-1-Ig (PIK3R2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).