À des fins de recherche uniquement

Anticorps Monoclonal anti-PI3 Kinase p85 Alpha

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:60225-1-Ig Phare 121 Publications

Informations de base

Numéro de catalogue:
60225-1-Ig

Taille:
150ul , Concentration: 2600 μg/ml by Nanodrop and 1500 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG2344

Numéro d'acquisition GenBank:
BC030815

Identification du gène (NCBI):
5295

Nom complet:
phosphoinositide-3-kinase, regulatory subunit 1 (alpha)

MW calculé
85 kDa

MW observés:
85 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
4G3C11

Dilutions recommandées:
WB 1:500-1:2400
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
CoIP, IHC, WB

Spécificité de l'espèce:
Humain, Lapin, porc, rat, souris

Espèces citées:
bovin, canin, Humain, porc, rat, 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 HEK-293, cellules A549, cellules Jurkat, cellules Neuro-2a, cellules PC-12, tissu cérébral de lapin, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain fœtal, tissu de muscle squelettique de porc, tissu de muscle squelettique de rat

IP : cellules RAW 264.7,

IHC : tissu pulmonaire de souris, tissu cérébral de souris, tissu de cancer de la prostate humain, tissu de muscle squelettique humain

Informations générales

Phosphatidylinositol 3-kinase (PI3K) plays an important role in the metabolic actions of INS and is required for adipogenesis. The PI3K pathway has also been identified as an important player in cancer development and progression. The Class IA PI3K heterodimer, which is composed of a P110 catalytic subunit and a P85 regulatory subunit, is activated upon association of the P85 subunit with upstream adaptor proteins or receptor tyrosine kinases. Mutations in PIK3R1 are implicated in cases of breast cancer and associated to SHORT syndrome.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yi Yu	34585393	J Periodontol	WB
Hong-Miao Wang	32994913	Ther Adv Chronic Dis	WB
Lihua Liu	36112519	J Agric Food Chem	WB

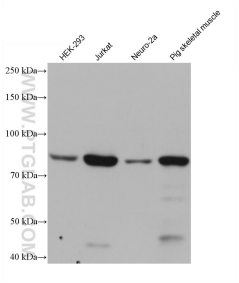
Stockage

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

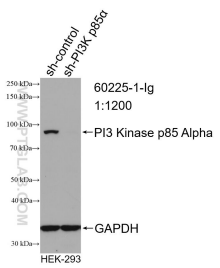
*** Les 20ul contiennent 0,1% de BSA.

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

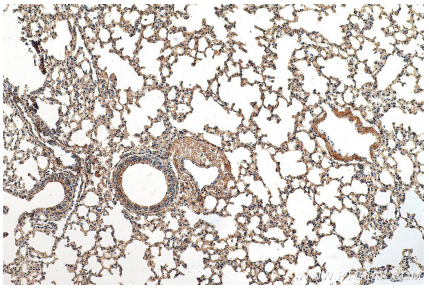
Données de validation sélectionnées



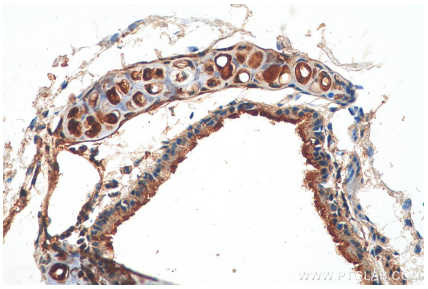
Various lysates were subjected to SDS PAGE followed by western blot with 60225-1-Ig (PI3 Kinase p85 Alpha antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



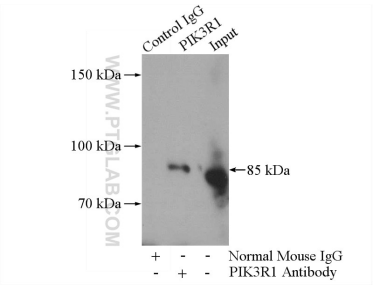
WB result of PI3 Kinase p85 Alpha antibody (60225-1-Ig; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-PI3 Kinase p85 Alpha transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 60225-1-Ig (PI3 Kinase p85 Alpha antibody) at dilution of 1:50 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 60225-1-Ig (PI3 Kinase p85 Alpha antibody) at dilution of 1:50 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-PI3K p85(alpha) (IP:60225-1-Ig, 5ug; Detection:60225-1-Ig 1:500) with RAW 264.7 cells lysate 1480ug.