

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PIK3IP1



Numéro de catalogue: 16826-1-AP

Phare

13 Publications

Informations de base

Numéro de catalogue:
16826-1-AP

Taille:
150ul, Concentration: 650 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG10427

Numéro d'acquisition GenBank:
BC011049

Identification du gène (NCBI):
113791

Nom complet:
phosphoinositide-3-kinase interacting protein 1

MW calculé
263 aa, 28 kDa

MW observés:
37 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 1:500-1:1000 for WB

Applications

Applications testées:
IP, WB, ELISA

Demandes citées:
CoIP, IF, WB

Spécificité de l'espèce:
Humain, rat, souris

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

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, tissu hépatique de souris

IP : cellules HeLa,

Informations générales

PIK3IP1 (Phosphoinositide-3-kinase-interacting protein 1) is also named as HGFL. The class IA phosphoinositol-3-kinases (PI3Ks) regulate important cellular processes such as proliferation, growth, survival, motility and metabolism. PIK3IP1 is a transmembrane protein that possesses a region in its intracellular domain that shares homology with the p85 regulatory subunit of PI3K. It has 5 isoforms produced by alternative splicing with the MW of 11, 18, 19, 25, 28 kDa. PIK3IP1 undergoes N- and O-linked amino acid glycosylation. The major glycosylated form of PIK3IP1 migrates at about 43 kDa in western blot analysis, while the unglycosylated form migrates at 37 kDa. It is also detected a 65 kDa variant in HepG2 cell lysate that PIK3IP1 is indeed membrane bound and that these variants arise from alternative splicing and/or post-translational processing events such as enzymatic proteolysis and/or glycosylation. (PMID:18632611).

Publications notables

Autrice	Pubmed ID	Journal	Application
Marc O Johnson	30392958	Cell	
Yuying Fu	31050064	Cell Biol Int	WB
Hong Ki Song	25826393	PLoS One	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.

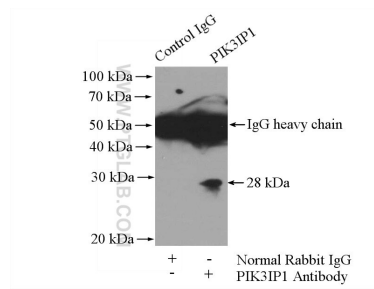
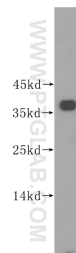
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Données de validation sélectionnées



HeLa cells were subjected to SDS PAGE followed by western blot with 16826-1-AP (PIK3IP1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

IP Result of anti-PIK3IP1 (IP:16826-1-AP, 4ug; Detection:16826-1-AP 1:500) with HeLa cells lysate 3200ug.