

Nur für Forschungszwecke

PIK3IP1 Polyklonaler Antikörper

Katalog-Nr.:16826-1-AP

Vorgestelltes Produkt

13 Publikationen



Allgemeine Informationen

Katalog-Nr.:
16826-1-AP

Größe:
150ul , Konzentration: 650 µg/ml von
Nanodrop und 213 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG10427

GenBank-Zugangsnummer:
BC011049

GeneID (NCBI):
113791

Vollständiger Name:
phosphoinositide-3-kinase
interacting protein 1

Berechnete Masse:
263 aa, 28 kDa

Beobachtete Masse:
37 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 ug für IP und 1:500-1:1000
für WB

Anwendungen

Geprüfte Anwendungen:

IP, WB,ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Huhn, Human, Maus, Ratte, Rind

Positivkontrollen:

WB : HeLa-Zellen, HepG2-Zellen, Mauslebergewebe

IP : HeLa-Zellen,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

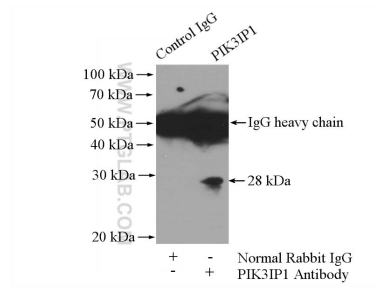
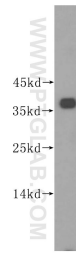
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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W: ptglab.com

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Ausgewählte Validierungsdaten



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.