

Nur für Forschungszwecke

PI3 Kinase p85 Beta Monoklonaler Antikörper



Katalog-Nr.: 67644-1-Ig **3 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 67644-1-Ig	GenBank-Zugangsnummer: BC014170	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 2100 µg/ml durch die Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5296	CloneNo.: 2B3B6
Wirt: Maus	Vollständiger Name: phosphoinositide-3-kinase, regulatory subunit 2 (beta)	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:200-1:800
Isotyp: IgG2b	Berechnete Masse: 728 aa, 82 kDa	
Immunogen Katalognummer: AG14369	Beobachtete Masse: 85 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, 4T1-Zellen, HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, LNCaP-Zellen, MCF-7-Zellen, NIH/3T3-Zellen
In Publikationen genannte Anwendungen: IF, WB	IHC : humanes Kolongewebe,
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Maus, Ratte	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

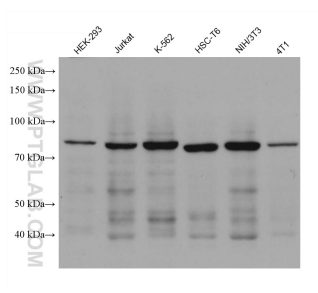
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

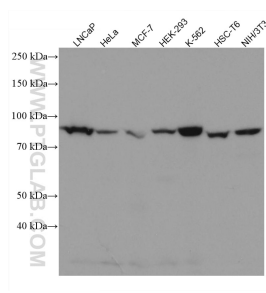
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

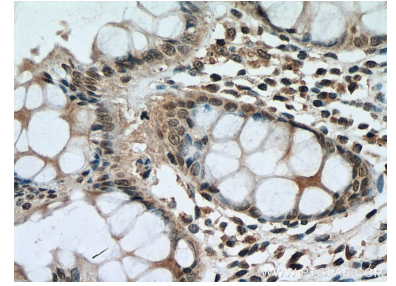
Ausgewählte Validierungsdaten



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).