

Nur für Forschungszwecke

PI3 Kinase p110 Alpha Polyklonaler Antikörper



Katalog-Nr.: 21890-1-AP

18 Publikationen

Allgemeine Informationen

Katalog-Nr.: 21890-1-AP	GenBank-Zugangsnummer: BC113601	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 240 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5290	Empfohlene Verdünnungen: WB 1:500-1:3000 IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: phosphoinositide-3-kinase, catalytic, alpha polypeptide	IHC 1:100-1:400 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 1068 aa, 124 kDa	
Immunogen Katalognummer: AG16586	Beobachtete Masse: 110 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, IP, WB, ELISA	Positivkontrollen: WB : humanes Hirngewebe, Jurkat-Zellen IP : Mausherzgewebe, IHC : humanes Lungenkarzinomgewebe, humanes Mammakarzinomgewebe IF : MCF-7-Zellen,
In Publikationen genannte Anwendungen: IHC, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus, Ratte	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

PIK3CA belongs to the PI3/PI4-kinase family. It phosphorylates PtdIns, PtdIns4P and PtdIns(4,5)P2 with a preference for PtdIns(4,5)P2. Defects in PIK3CA are associated with colorectal cancer (CRC). Defects in PIK3CA are associated with breast cancer. Defects in PIK3CA are associated with ovarian cancer. Defects in PIK3CA may underlie hepatocellular carcinoma (HCC). Defects in PIK3CA are a cause of keratosis seborrheica (KERSEB).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Koichi Baba	28894280	Sci Rep	WB
Binwu Hu	28932123	Onco Targets Ther	WB
Li Jia	29030743	Dig Dis Sci	WB

Lagerung

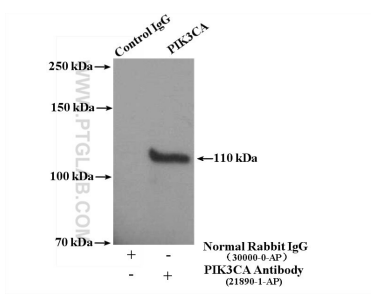
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

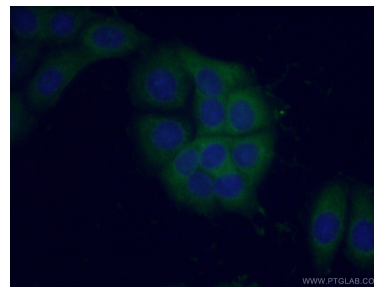
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

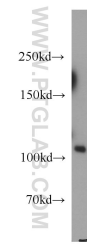
Ausgewählte Validierungsdaten



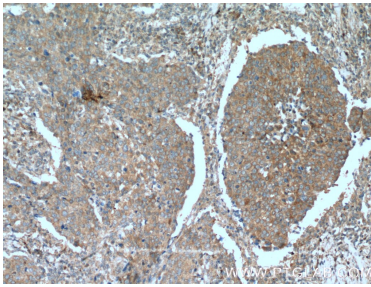
IP result of anti-PI3K p110 (alpha) (IP:21890-1-AP, 4ug; Detection:21890-1-AP 1:300) with mouse heart tissue lysate 3600 ug.



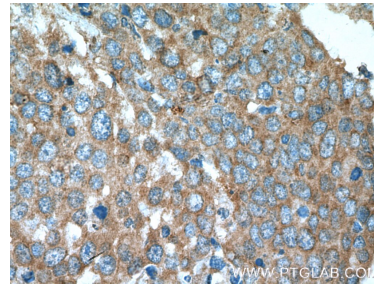
Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 21890-1-AP (PI3K p110(alpha) antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



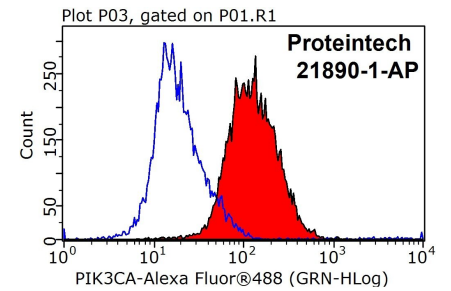
human brain tissue were subjected to SDS PAGE followed by western blot with 21890-1-AP (PI3K p110(alpha) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 21890-1-AP (PI3K p110(alpha) antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 21890-1-AP (PI3K p110(alpha) antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ Jurkat cells were stained with 0.5ug PI3K p110(alpha) antibody (21890-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.