

Nur für Forschungszwecke

PICK1 Polyklonaler Antikörper

Katalog-Nr.:10983-2-AP

Vorgestelltes Produkt

8 Publikationen



Allgemeine Informationen

Katalog-Nr.:
10983-2-AP

Größe:
150ul, Konzentration: 600 µg/ml von
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG1443

GenBank-Zugangsnummer:
BC017561

GeneID (NCBI):
9463

Vollständiger Name:
protein interacting with PRKCA 1

Berechnete Masse:
47 kDa

Beobachtete Masse:
50-55 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:5000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:50-1:500

IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB: LNCaP-Zellen, humanes Hirngewebe,
Maushirngewebe, Rattenhirngewebe, SH-SY5Y-Zellen

IP: Maushirngewebe,

IHC: humanes Magenkrebsgewebe,

IF: HEK-293-Zellen,

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

Protein interacting with C kinase 1 (PICK1) was first cloned as a PKC-binding partner through yeast two hybrid system. PICK1 acts as a critical regulator of membrane receptors' subcellular trafficking to modulate neural processes such as learning and memory, and is widely expressed in brain, testis, heart, lung, liver, kidney and muscle. It probably binds to and organize the subcellular localization of a variety of membrane proteins containing some PDZ recognition sequence, for instance, PICK1 is a critical mediator of α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor (AMPA) trafficking in neural synapses. PICK1 expression on D-serine release and glutamate transport in astrocytes suggests a potential implication of PICK1 in the progression of amyotrophic lateral sclerosis (ALS). PICK1 may also participate in breast cancer development through inhibition of TGF- β signaling.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Bingling Dai	27460008	Oncol Rep	
Lixiao Zhou	35381522	Environ Int	WB
Qian Dou	34307672	Biomed Res Int	IHC, 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

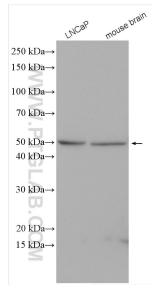
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

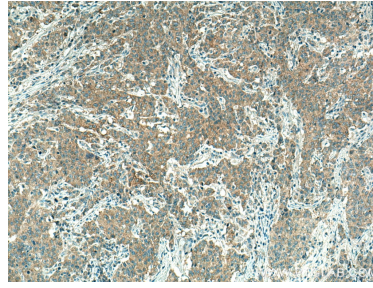
E: proteintech@ptglab.com
W: ptglab.com

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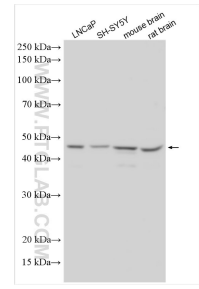
Ausgewählte Validierungsdaten



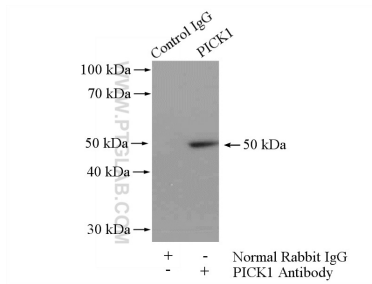
Various lysates were subjected to SDS PAGE followed by western blot with 10983-2-AP (PICK1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



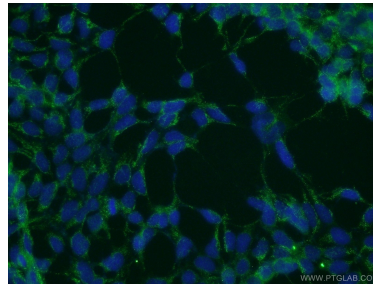
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 10983-2-AP (PICK1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 10983-2-AP (PICK1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



IP Result of anti-PICK1 (IP:10983-2-AP, 4 μ g; Detection:10983-2-AP 1:500) with mouse brain tissue lysate 4400 μ g.



Immunofluorescent analysis of HEK-293 cells using 10983-2-AP (PICK1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).