

Nur für Forschungszwecke

CHRNA7 Polyklonaler Antikörper

Katalog-Nr.: 21379-1-AP

14 Publikationen



Allgemeine Informationen

Katalog-Nr.: 21379-1-AP	GenBank-Zugangsnummer: BC037571	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 1139	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: cholinergic receptor, nicotinic, alpha 7	
Isotyp: IgG	Berechnete Masse: 502 aa, 56 kDa	
Immunogen Katalognummer: AG15980	Beobachtete Masse: 56 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

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

Positivkontrollen:

WB: Jurkat-Zellen, HL-60-Zellen, Maus-Skelettmuskelgewebe, MCF-7-Zellen, Rattenhirngewebe, SH-SY5Y-Zellen

IHC: Maushirngewebe, humanes Hirngewebe

Hintergrundinformationen

Nicotinic acetylcholine receptors (nAChRs) are cholinergic receptors that form ligand-gated ion channels that mediate fast signal transmission at synapses. CHRNA7 (neuronal acetylcholine receptor subunit alpha-7) forms a homo-oligomeric channel, displays marked permeability to calcium ions and is a major component of brain nicotinic receptors that are blocked by, and highly sensitive to, alpha-bungarotoxin.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ke-Wei Chang	30217465	Neurochem Int	WB
Jiang Qian	31634461	Eur J Pharmacol	WB
Li Zhou	34880768	Front Pharmacol	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**

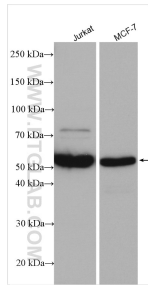
For technical support and original validation data for this product please contact:

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

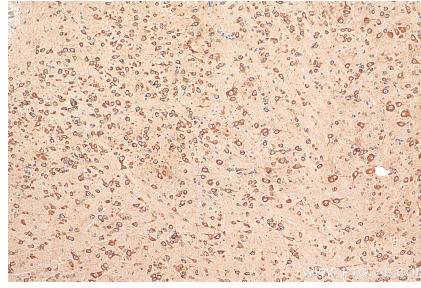
E: proteintech@ptglab.com
W: ptglab.com

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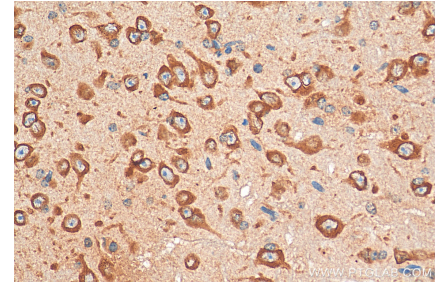
Ausgewählte Validierungsdaten



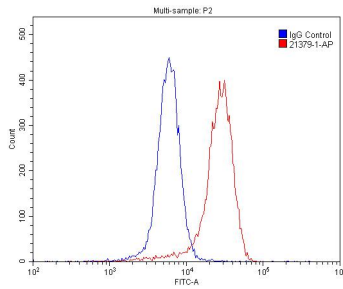
Various lysates were subjected to SDS PAGE followed by western blot with 21379-1-AP (CHRNA7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



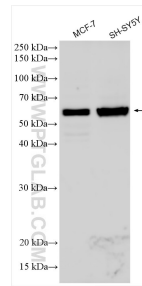
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21379-1-AP (CHRNA7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21379-1-AP (CHRNA7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ SH-SY5Y cells were stained with 0.2ug CHRNA7 antibody (21379-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.



Various lysates were subjected to SDS PAGE followed by western blot with 21379-1-AP (CHRNA7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.