

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti- CHRNA7



Numéro de catalogue: 21379-1-AP

14 Publications

Informations de base

Numéro de catalogue: 21379-1-AP	Numéro d'acquisition GenBank: BC037571	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 600 µg/ml by Nanodrop;	Identification du gène (NCBI): 1139	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: cholinergic receptor, nicotinic, alpha 7	
Isotype: IgG	MW calculé 502 aa, 56 kDa	
Immunogen Catalog Number: AG15980	MW observés: 56 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

FC, IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules Jurkat, cellules HL-60, cellules MCF-7, cellules SH-SY5Y, tissu cérébral de rat, tissu de muscle squelettique de souris

IHC : tissu cérébral de souris, tissu cérébral humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ke-Wei Chang	30217465	Neurochem Int	WB
Jiang Qian	31634461	Eur J Pharmacol	WB
Li Zhou	34880768	Front Pharmacol	WB,IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

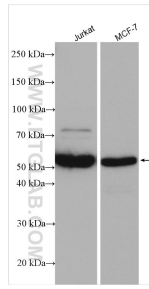
For technical support and original validation data for this product please contact:

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

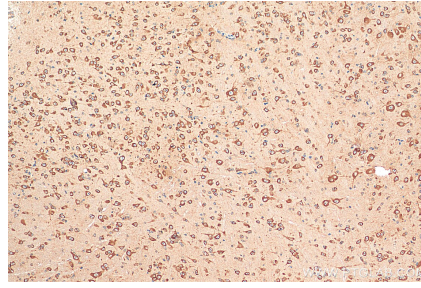
E: proteintech@ptglab.com
W: ptglab.com

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

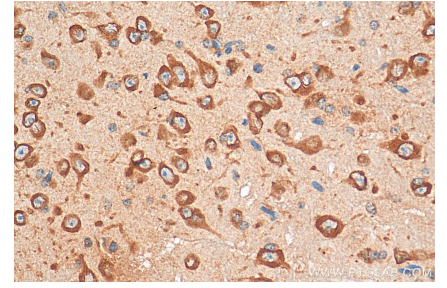
Données de validation sélectionnées



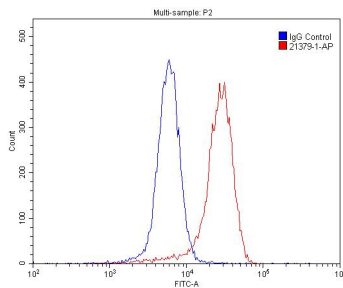
Various lysates were subjected to SDS PAGE followed by western blot with 21379-1-AP (CHRNA7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



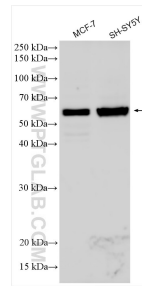
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21379-1-AP (CHRNA7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



1×10^6 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.