

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti- CHRNA3



Numéro de catalogue: 10333-1-AP

Phare

7 Publications

Informations de base

Numéro de catalogue: 10333-1-AP	Numéro d'acquisition GenBank: BC000513	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 1136	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:500-1:2000
Hôte: Lapin	Nom complet: cholinergic receptor, nicotinic, alpha 3	
Isotype: IgG	MW calculé: 57 kDa	
Immunogen Catalog Number: AG0272	MW observés: 50-55 kDa	

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

FC, IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules A549, cellules HEK-293, cellules HepG2, tissu cérébral de souris, tissu de thymus de souris

IHC : tissu cérébral de souris, tissu de cancer de la prostate 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

CHRNA3, also named as NACHRA3, LNCR2 and PAOD2, is neuronal type nAChR subunits. It is a member of the nicotinic acetylcholine receptor family, which plays an important role in calcium regulation, neuronal development, and cognitive functions. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer.

Publications notables

Autrice	Pubmed ID	Journal	Application
Makoto Yamakawa	36507326	Front Neurosci	IF
Jing Wang	35513071	J Invest Dermatol	WB
Zhihua Sun	31963558	Mar Drugs	FC

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.

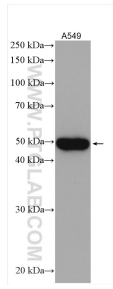
For technical support and original validation data for this product please contact:

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

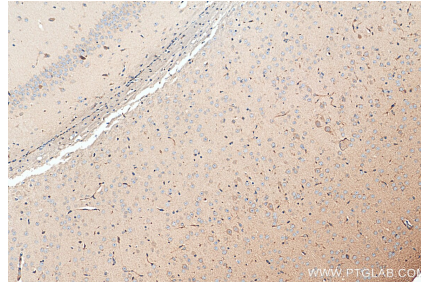
E: proteintech@ptglab.com
W: ptglab.com

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

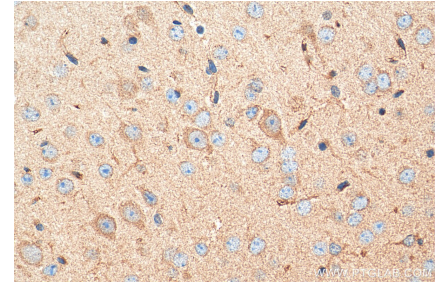
Données de validation sélectionnées



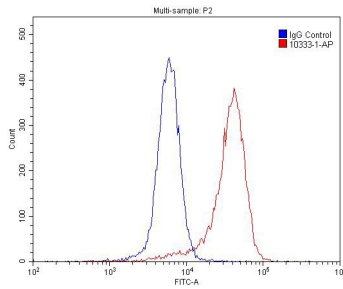
A549 cells were subjected to SDS PAGE followed by western blot with 10333-1-AP (CHRNA3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10333-1-AP (CHRNA3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10333-1-AP (CHRNA3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ SH-SY5Y cells were stained with 0.2ug CHRNA3 antibody (10333-1-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.