

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Ataxin 2



Numéro de catalogue: 21776-1-AP

Phare

28 Publications

## Informations de base

Numéro de catalogue:

21776-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG16470

Numéro d'acquisition GenBank:

BC114546

Identification du gène (NCBI):

6311

Nom complet:

ataxin 2

MW calculé

1313 aa, 140 kDa

MW observés:

140-150 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

## Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules Jurkat, cellules Neuro-2a

IP : cellules HEK-293,

IHC : tissu cérébral de souris, tissu de gliome 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

ATXN2 contains a repeat structure with 22 or 23 triplets coding for glutamine and the (CAG)<sub>8</sub>CAA(CAG)<sub>4</sub>CAA(CAG)<sub>8</sub> sequence; expansion of this domain to a size  $\geq 34$  triplets with a pure CAG sequence primarily causes autosomal dominant SCA2 [PMID:18418684], while ATXN2 expansions with CAA interruptions were observed as the cause of Levo-dopa responsive Parkinson's disease [PMID:10668726]. ATXN2 expansions associated with ALS were reported to be interrupted by at least one CAA triplet [PMID:21537950]

## Publications notables

Autrice	Pubmed ID	Journal	Application
Garam Kim	36288714	Cell Rep	WB,IF
Lauren A Ostrowski	30417124	Commun Biol	WB
Gaston Bonenfant	30944179	J Virol	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.

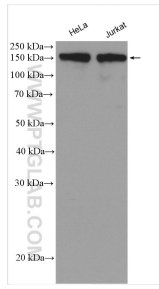
For technical support and original validation data for this product please contact:

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

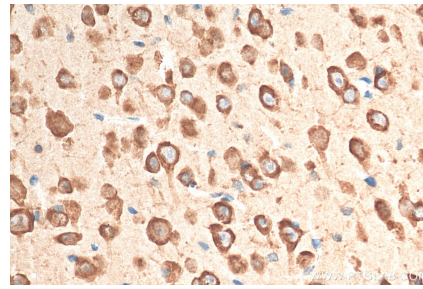
E: proteintech@ptglab.com  
W: ptglab.com

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

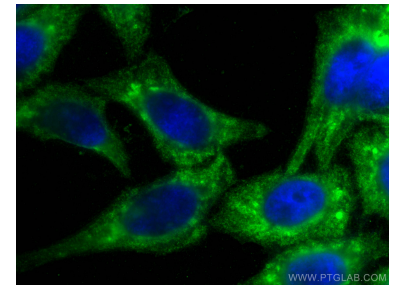
## Données de validation sélectionnées



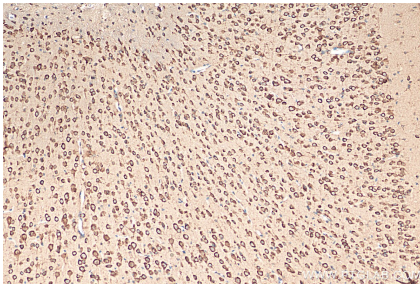
Various lysates were subjected to SDS PAGE followed by western blot with 21776-1-AP (Ataxin 2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



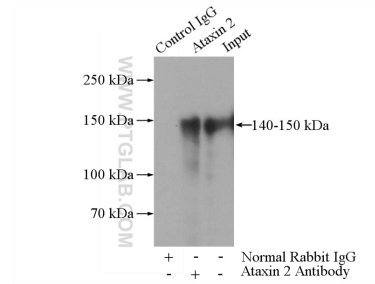
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21776-1-AP (Ataxin 2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Ataxin 2 antibody (21776-1-AP) at dilution of 1:900 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21776-1-AP (Ataxin 2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-Ataxin 2 (IP:21776-1-AP, 4ug; Detection:21776-1-AP 1:1000) with HEK-293 cells lysate 1200ug.