

Nur für Forschungszwecke

ATX3, ATXN3 Polyklonaler Antikörper



Katalog-Nr.: 13505-1-AP

Vorgestelltes Produkt

14 Publikationen

Allgemeine Informationen

Katalog-Nr.: 13505-1-AP	GenBank-Zugangsnummer: BC033711	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 4287	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: ataxin 3	
Isotyp: IgG	Berechnete Masse: 370 aa, 43 kDa	
Immunogen Katalognummer: AG4341	Beobachtete Masse: 35-42 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Caenorhabditis Elegans, Hausschwein, Human, Maus

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

Positivkontrollen:

WB: Neuro-2a-Zellen, HEK-293-Zellen, Mausherzgewebe, Maushirngewebe, Maus-Plazenta-Gewebe, Rattenhirngewebe

IHC: humanes Pankreaskarzinomgewebe,

Hintergrundinformationen

ATXN3, which has deubiquitinase activity and act as a component of the ubiquitin proteasome system, plays a role in transcriptional regulation and neuroprotection. ATXN3 interacts with RAD23, HHR23A and HHR23B, involves in the pathology of MJD. ATXN3 is a mixed-linkage, chain-editing enzyme and that the UIM region of ATXN3 regulates its substrate specificity. Contains an N-terminal deubiquitinating domain, called the Josephin domain, followed by 2 ubiquitin-interacting motifs (UIMs) and a polyQ tract near the C terminus. ATXN3 can be phosphorylated in a protein casein kinase-2-dependent manner, thus the MW would be larger than the predicted one.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Nitchakam Kaokhum	36182100	Mol Cell Proteomics	WB
Pawel M Switonski	25301414	Neurobiol Dis	WB
Qian Feng	29802126	J Immunol	WB

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

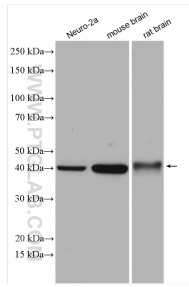
For technical support and original validation data for this product please contact:

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

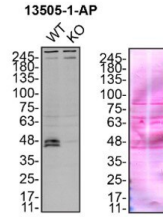
E: proteintech@ptglab.com
W: ptglab.com

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

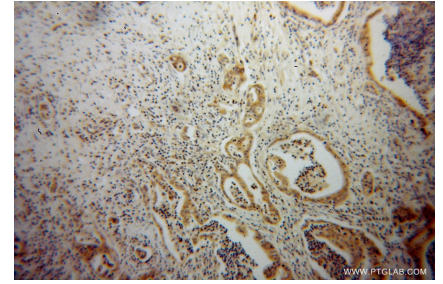
Ausgewählte Validierungsdaten



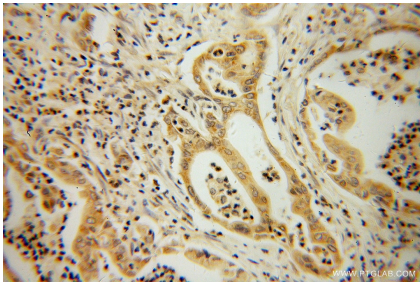
Various lysates were subjected to SDS PAGE followed by western blot with 13505-1-AP (ATX3, ATXN3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



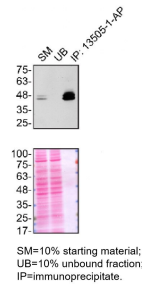
HEK-293 (WT and ATXN3 KO) lysates prepared with RIPA buffer, 30 µg protein loaded. 13505-1-AP incubated at 1:1000 at 4°C overnight in 5% BSA in TBST. Ponceau stained transfers shown on right. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 13505-1-AP (ATX3, ATXN3 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 13505-1-AP (ATX3, ATXN3 antibody) at dilution of 1:100 (under 40x lens).



HEK-293 lysates prepared and IP of ATXN3 performed using 1.0 µg of 13505-1-AP coupled to protein A- Sepharose beads. The Ponceau stained transfers of each blot are shown. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.