

For Research Use Only

ATX3,ATXN3 Monoclonal antibody, PBS Only



Catalog Number: 67057-1-PBS

Basic Information

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|---|--|---|
| Catalog Number: 67057-1-PBS | GenBank Accession Number: BC033711 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 4287 | CloneNo.: 1F7E10 |
| Source: Mouse | UNIPROT ID: P54252 | |
| Isotype: IgG2a | Full Name: ataxin 3 | |
| Immunogen Catalog Number: AG6627 | Calculated MW: 370 aa, 43 kDa | |
| | Observed MW: 41-45 kDa | |

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, mouse, pig

Background Information

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.

Storage

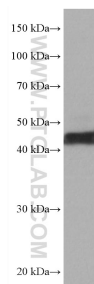
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

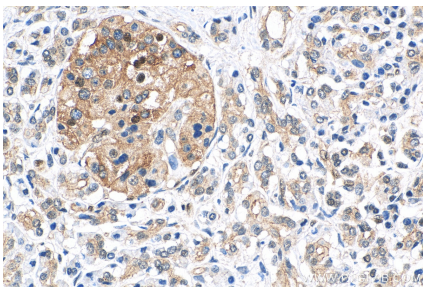
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 67057-1-Ig (ATX3,ATXN3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67057-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 67057-1-Ig (ATX3,ATXN3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67057-1-PBS in a different storage buffer formulation.