

For Research Use Only

ATX3,ATXN3 Monoclonal antibody, PBS Only



Catalog Number: 67057-1-PBS

Basic Information

Catalog Number:

67057-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG6627

GenBank Accession Number:

BC033711

GeneID (NCBI):

4287

UNIPROT ID:

P54252

Full Name:

ataxin 3

Calculated MW:

370 aa, 43 kDa

Observed MW:

41-45 kDa

Purification Method:

Protein A purification

CloneNo.:

1F7E10

Applications

Tested Applications:

WB, Indirect ELISA, IHC

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

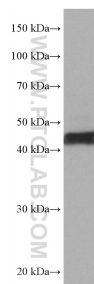
T: 4006900926

E: Proteintech-CN@ptglab.com

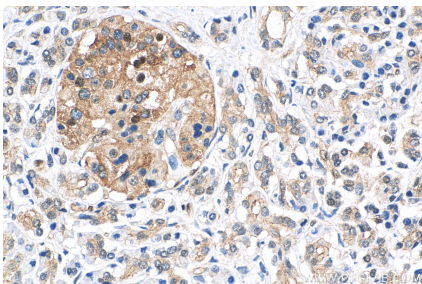
W: ptgcn.com

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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.