

For Research Use Only

CoraLite® Plus 488-conjugated ATX3,ATXN3 Monoclonal antibody



Catalog Number:CL488-67057

Basic Information

Catalog Number: CL488-67057	GenBank Accession Number: BC033711	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4287	CloneNo.: 1F7E10
Source: Mouse	Full Name: ataxin 3	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	Calculated MW: 370 aa, 43 kDa	
Immunogen Catalog Number: AG6627	Observed MW: 41-45 kDa	

Applications

Tested Applications:
FC (Intra)

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

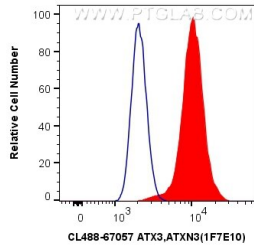
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 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.

Selected Validation Data



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human ATX3, ATXN3 (CL488-67057, Clone:1F7E10) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).