

For Research Use Only

CoraLite® Plus 488-conjugated Ataxin 2 Recombinant monoclonal antibody

Catalog Number:CL488-80919-2



Basic Information

Catalog Number:

CL488-80919-2

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16470

GenBank Accession Number:

BC114546

GeneID (NCBI):

6311

UNIPROT ID:

Q99700

Full Name:

ataxin 2

Calculated MW:

1313 aa, 140 kDa

Observed MW:

140-150 kDa

Purification Method:

Protein A purification

CloneNo.:

250888E4

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

ATXN2 contains a repeat structure with 22 or 23 triplets coding for glutamine and the (CAG)₈CAA(CAG)₄CAA(CAG)₈ sequence; expansion of this domain to a size ≥ 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]

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

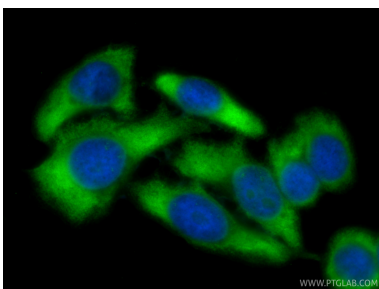
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 Ataxin 2 antibody (CL488-80919-2, Clone: 250888E4) at dilution of 1:200.