

ATXN3 Antibody

Catalog No: #32253

Package Size: #32253-1 50ul #32253-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

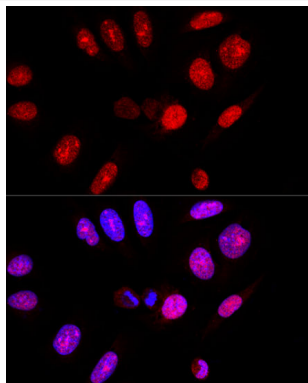
Description

Product Name	ATXN3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total ATXN3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ATXN3.
Target Name	ATXN3
Other Names	ATXN3; AT3; ATX3; JOS; MJD
Accession No.	Swiss-Prot:P54252NCBI Gene ID:4287
Uniprot	P54252
GeneID	4287;
SDS-PAGE MW	43KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

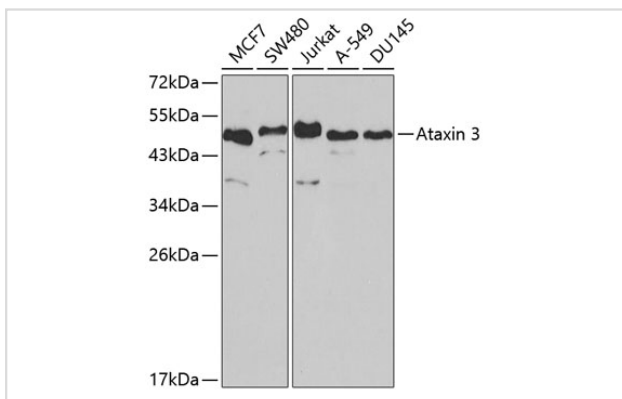
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

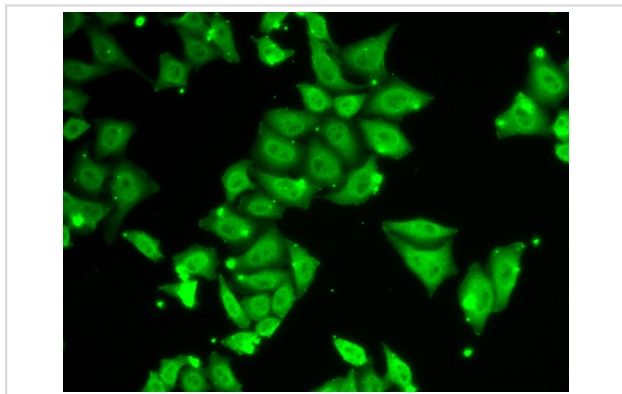
Images



Confocal immunofluorescence analysis of U-2 OS cells using Ataxin 3 Polyclonal at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using Ataxin 3 at 1:1000 dilution.



Immunofluorescence analysis of HeLa cells using Ataxin 3 .

Background

Machado-Joseph disease, also known as spinocerebellar ataxia-3, is an autosomal dominant neurologic disorder. The protein encoded by this gene contains (CAG) n repeats in the coding region, and the expansion of these repeats from the normal 13-36 to 68-79 is one cause of Machado-Joseph disease. There is a negative correlation between the age of onset and CAG repeat numbers. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Note: This product is for in vitro research use only