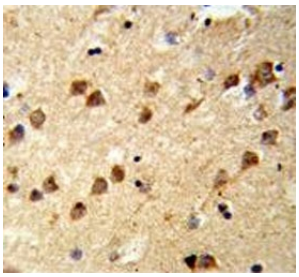
Ataxin 3 Antibody / ATXN3 (F55027)

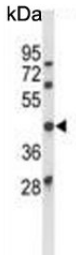
Catalog No.	Formulation	Size
F55027-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55027-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

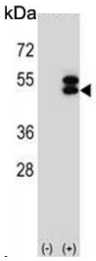
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P54252
Localization	Nuclear
Applications	Western Blot : 1:500-1:1000 Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100
Limitations	This Ataxin 3 antibody is available for research use only.



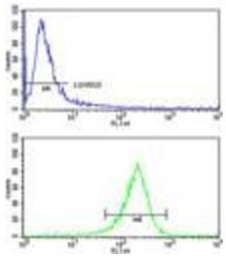
IHC testing of FFPE human brain tissue with Ataxin 3 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human MCF7 cell lysate with Ataxin 3 antibody. Predicted molecular weight ~42 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with Ataxin 3 antibody.



Flow cytometry testing of human ZR-75-1 cells with Ataxin 3 antibody; Blue=isotype control, Green= Ataxin 3 antibody.

Description

ATXN3 was known as spinocerebellar ataxia-3, is an autosomal dominant neurologic disorder. The protein 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Ataxin 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 261-288 from the human protein was used as the immunogen for the Ataxin 3 antibody.

Storage

Aliquot the Ataxin 3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.