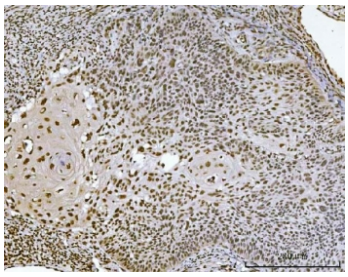
Ataxin 1 Antibody / ATXN1 [clone 2B13G8] (RQ7132)

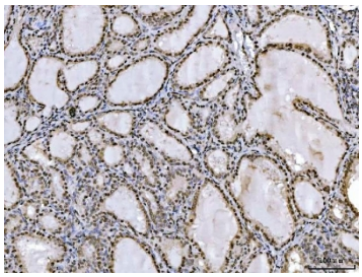
Catalog No.	Formulation	Size
RQ7132	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

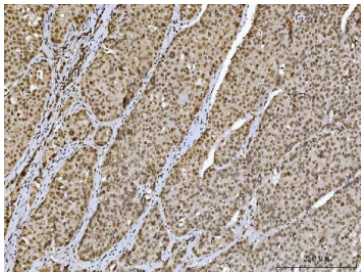
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	2B13G8
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P54253
Localization	Cytoplasm, Nucleus
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This Ataxin 1 antibody is available for research use only.



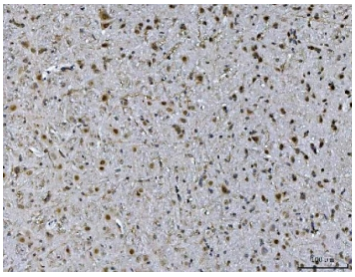
IHC staining of FFPE human laryngeal squamous cell carcinoma tissue with Ataxin 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human thyroiditis tissue with Ataxin 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



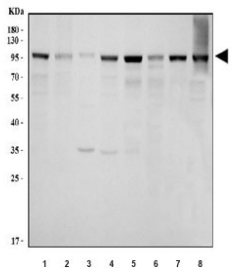
IHC staining of FFPE human hepatocellular carcinoma tissue with Ataxin 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



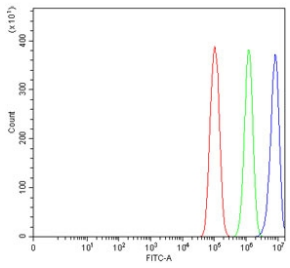
IHC staining of FFPE mouse brain tissue with Ataxin 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



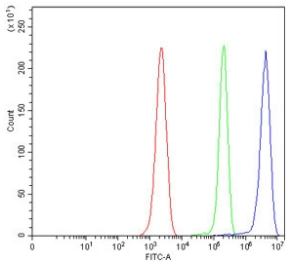
IHC staining of FFPE rat brain tissue with Ataxin 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



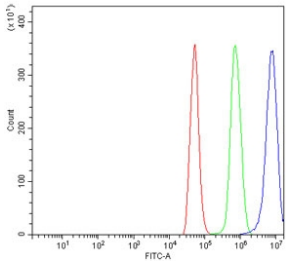
Western blot testing of 1) human HepG2, 2) human 293T, 3) human A431, 4) human PC-3, 5) rat brain, 6) rat liver, 7) mouse brain and 8) mouse liver tissue lysate with Ataxin 1 antibody. Commonly observed molecular weight: 87-105 kDa.



Flow cytometry testing of human PC-3 cells with Ataxin 1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Ataxin 1 antibody.



Flow cytometry testing of mouse ANA-1 cells with Ataxin 1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Ataxin 1 antibody.



Flow cytometry testing of rat NRK cells with Ataxin 1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Ataxin 1 antibody.

Description

Ataxin-1 is a protein that in humans is encoded by the ATXN1 gene. It is a causative factor for spinocerebellar ataxia type 1 (SCA1), and the related Brother of ATXN1 (BOAT1), are human proteins involved in transcriptional repression. ATXN1 and BOAT1 might participate in several Notch-controlled developmental and pathological processes.

Application Notes

Optimal dilution of the Ataxin 1 antibody should be determined by the researcher.

Immunogen

C-terminal amino acids ESRKLEKSEDEPPLTLPKPSLIPQEVKICIE were used as the immunogen for the Ataxin 1 antibody.

Storage

After reconstitution, the Ataxin 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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