

Datasheet for ABIN2854322

anti-Ataxin 3 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Ataxin 3 (ATXN3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ataxin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Ataxin 3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Ataxin 3 (ataxin-3) Ataxin 3 antibody
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	Ataxin 3 (ATXN3)
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Target Details

Alternative Name:	ataxin 3 (ATXN3 Products)
Background:	<p>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 the 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.</p> <p>Cellular Localization: Nucleus matrix</p>
Molecular Weight:	42 kDa
Gene ID:	4287
UniProt:	P54252

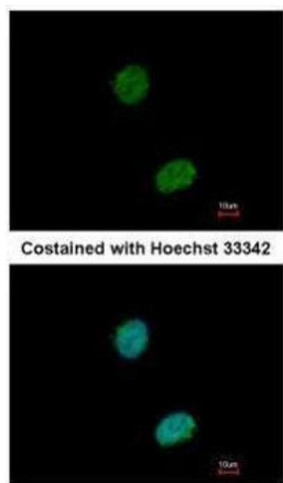
Application Details

Application Notes:	WB: 1:500-1:20000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	<p>Positive Control: SK-N-SH , SK-N-AS , human Ataxin3-transfected 293T , 293T , A431 , HeLa , HepG2</p> <p>Validation: KO/KD, Overexpression</p>
Restrictions:	For Research Use only

Handling

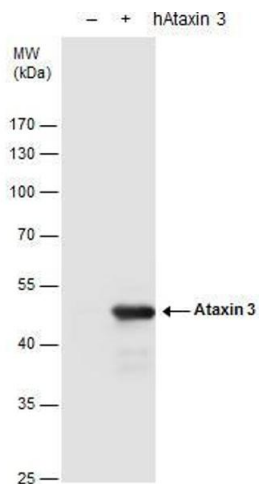
Format:	Liquid
Concentration:	0.55 mg/mL
Buffer:	1XPBS (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.



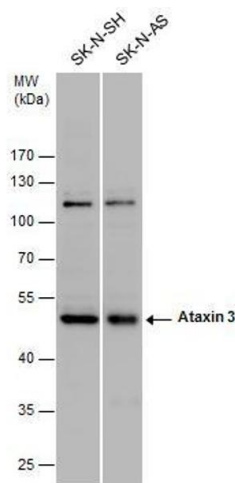
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Ataxin 3, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Ataxin 3 antibody detects Ataxin 3 protein by western blot analysis. 293T mock transfected (-) or transfected with a construct expressing human Ataxin 3. 10 % SDS-PAGE Ataxin 3 antibody , dilution: 1:20000



Western Blotting

Image 3. WB Image Ataxin 3 antibody detects Ataxin 3 protein by western blot analysis. Various whole cell extracts (30 μg) were separated by 10 % SDS-PAGE, and blotted with Ataxin 3 antibody , diluted by 1:1000