

# Product Datasheet

## Ataxin-3 Antibody - BSA Free NBP1-32083

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NBP1-32083**

Ataxin-3 Antibody - BSA Free

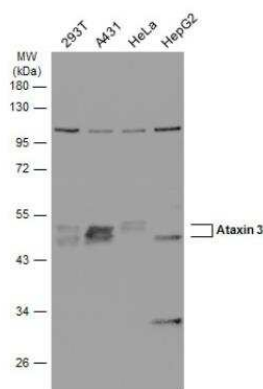
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 10% Glycerol
Target Molecular Weight	42 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Ataxin-3 Antibody - BSA Free (NBP1-32083) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-Ataxin-3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4287
Gene Symbol	ATXN3
Species	Human
Reactivity Notes	Mouse (88%), Rat (82%), Pig (89%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Ataxin-3. The exact sequence is proprietary.

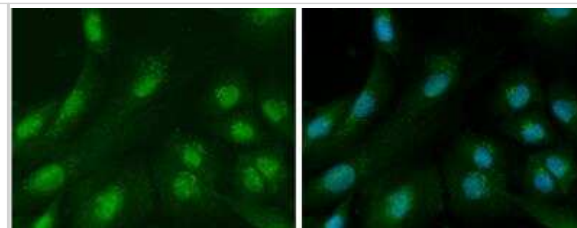
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:20000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation Assay dependent, Knockout Validated

**Images**

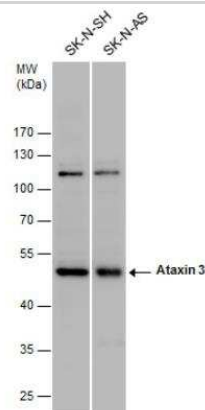
Western Blot: Ataxin-3 Antibody [NBP1-32083] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Ataxin 3 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



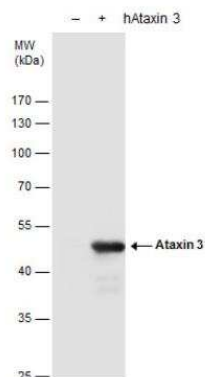
Immunocytochemistry/Immunofluorescence: Ataxin-3 Antibody [NBP1-32083] - SK-N-SH cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Ataxin 3 protein stained by Ataxin 3 antibody diluted at 1:250. Blue: Hoechst 33342 staining.



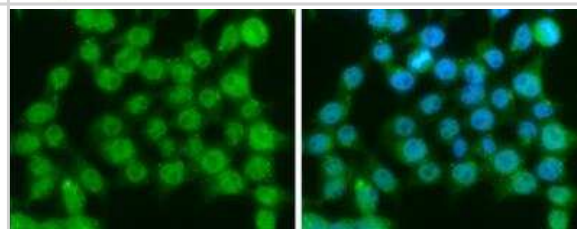
Western Blot: Ataxin-3 Antibody [NBP1-32083] - Various whole cell extracts (30 ug) were separated by 10 % SDS-PAGE, and blotted with Ataxin 3 antibody diluted by 1:1000



Western Blot: Ataxin-3 Antibody [NBP1-32083] - 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



Immunocytochemistry/Immunofluorescence: Ataxin-3 Antibody [NBP1-32083] - 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Ataxin 3 protein stained by Ataxin 3 antibody diluted at 1:250. Blue: Hoechst 33342 staining.



## Publications

Pfeiffer A, Herzog LK, Luijsterburg MS et al. Poly(ADP-ribosyl)ation temporally confines SUMO-dependent ataxin-3 recruitment to control DNA double-strand break repair. Journal of cell science 2021-07-12 [PMID: 33408245]



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### **Products Related to NBP1-32083**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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