

# Ataxin 3 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 245 of Ataxin 3 (Uniprot ID#P54252)
Form	Liquid
Concentration	0.36 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11152091

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-

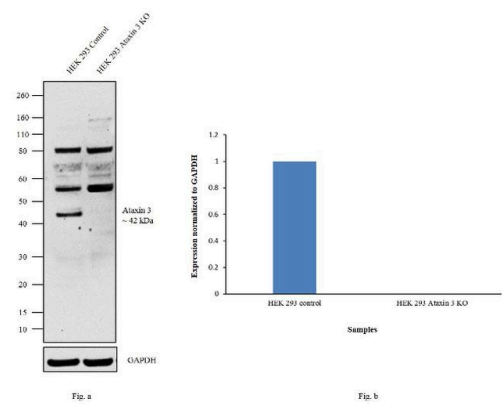
## Product Specific Information

Recommended positive controls: SK-N-SH, SK-N-AS, mouse brain, human Ataxin3-transfected 293T.

Predicted reactivity: Mouse (96%), Rat (96%), Zebrafish (85%), Pig (99%), Chicken (89%), Sheep (98%), Bovine (98%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

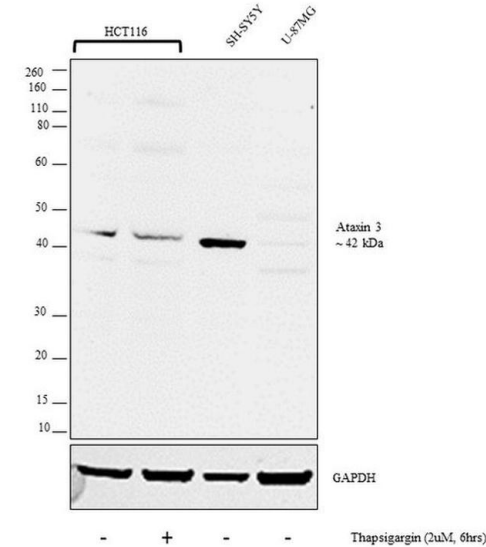
Product Images For Ataxin 3 Polyclonal Antibody



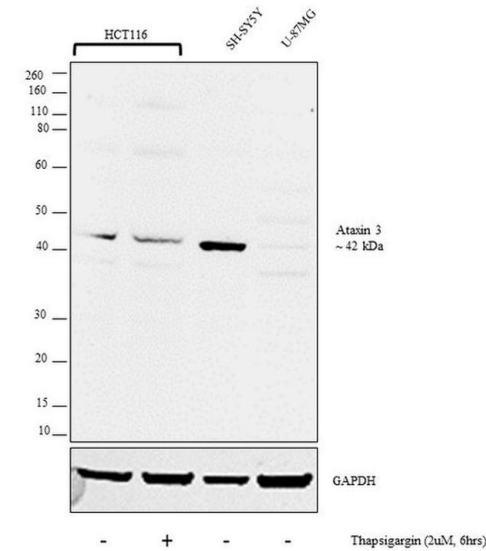
**Ataxin 3 Antibody (PA5-22369)**  
Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in Ataxin3 knockout (KO) cell line compared to control cell line using Ataxin 3 Polyclonal Antibody (Product # PA5-22369). {KO}

**Ataxin 3 Antibody (PA5-22369) in WB**

Western blot analysis was performed on whole cell extract (30 µg lysate) of HCT116 (Lane 1), HCT116 treated with thapsigargin (2 µM, 6 hrs) (Lane 2), SH-SY5Y (Lane 3), and U-87 mg (Lane 4). The blot was probed with Anti-Ataxin 3 Polyclonal Antibody (Product # PA5-22369, 1:3,000 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4,000 dilution). A 42 kDa band corresponding to Ataxin 3 was detected in cell lines tested.



**Ataxin 3 Antibody (PA5-22369)**  
Altered expression of target protein upon cell treatment demonstrates antibody specificity. Western blot analysis of Ataxin 3 using with Ataxin 3 Polyclonal Antibody (Product # PA5-22369) shows an increase upon thapsigargin treatment. {TM}



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Western Blot (1)

Physiological reports	Year 2013
<b>Aldosterone and angiotensin II induce protein aggregation in renal proximal tubules.</b>	Species Rat
"PA5-22369 was used in immunohistochemistry to study protein aggregation induced in rat renal proximal tubules by treatment with aldosterone and angiotensin II"	
Authors: Cheema MU,Poulsen ET,Enghild JJ,Hoorn EJ,Fenton RA,Praetorius J	

Immunohistochemistry (1)

Physiological reports	Year 2013
<b>Aldosterone and angiotensin II induce protein aggregation in renal proximal tubules.</b>	Species Rat
"PA5-22369 was used in immunohistochemistry to study protein aggregation induced in rat renal proximal tubules by treatment with aldosterone and angiotensin II"	
Authors: Cheema MU,Poulsen ET,Enghild JJ,Hoorn EJ,Fenton RA,Praetorius J	

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