

Product datasheet for **TA308320**

Ataxin 3 (ATXN3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:10000
Reactivity:	Human, Mouse (Predicted: Pig, Rat, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 245 of Ataxin 3 (Uniprot ID#P54252)
Formulation:	1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	ataxin 3
Database Link:	NP_001121169 Entrez Gene 60331 RatEntrez Gene 110616 MouseEntrez Gene 4287 Human P54252

Background: 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. [provided by RefSeq]

Synonyms: AT3; ATX3; JOS; MJD; MJD1; SCA3

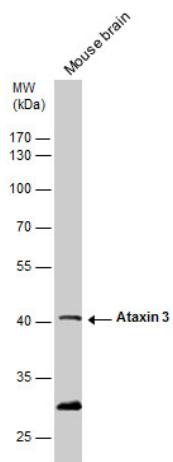


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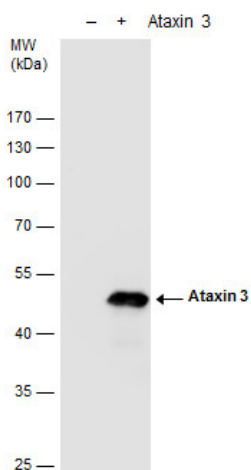
Note: Seq homology of immunogen across species: Pig (99%), Rat (96%), Bovine (98%)

Protein Families: Druggable Genome, Transcription Factors

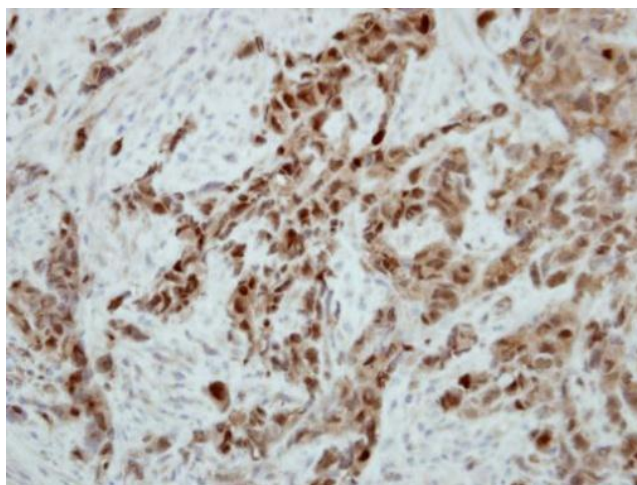
Product images:



Ataxin 3 antibody detects Ataxin 3 protein by western blot analysis. Mouse tissue extracts (50 ug) was separated by 10 % SDS-PAGE, and blotted with Ataxin 3 antibody (TA308320) diluted by 1:500



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 (TA308320) dilution: 1:5000



Immunohistochemical analysis of paraffin-embedded H661 xenograft, using Ataxin 3 (TA308320) antibody at 1:500 dilution.