

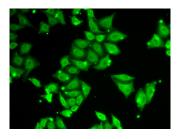
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Ataxin 3 Polyclonal Antibody

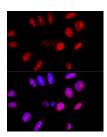
E-AB-60279 Reactivity Catalog No. H,M,R Storage Store at -20°C. Avoid freeze / thaw cycles. Rabbit Host **Applications Isotype IgG**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunofluorescence analysis of HeLa cells using Ataxin 3 Polyclonal Antibody



Confocal immunofluorescence analysis of U-2 OS cells using Ataxin 3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunogen Information

Immunogen Recombinant fusion protein of human Ataxin 3

(NP_004984.2).

GeneID 4287 **Swissprot** P54252

Synonyms ATXN3,AT3,ATX3,JOS,MJD,MJD1,SCA3,ataxin-3,

Ataxin 3

Product Information

Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Purify Affinity purification **Dilution** IF 1:50-1:200

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 12-44 to 52-86 is one 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.