

## CAB22094

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### Product Information

<b>Product SKU:</b>	CAB22094	<b>Gene ID:</b>	4287	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC54882	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	42kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	41kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** Machado-Joseph disease, also known as spinocerebellar ataxia-3, is an autosomal dominant neurologic disorder. The protein encoded by this gene contains (CAG)<sub>n</sub> 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.

**Recommended Dilution:** WB, 1:1000 - 1:5000

**Synonyms:** AT3; JOS; MJD; ATX3; MJD1; SCA3; Ataxin-3 (ATXN3)

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 190-361 of human Ataxin-3 (ATXN3) (NP\_004984.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.