

MOUSE ANTI-ATAXIN-3 MONOCLONAL ANTIBODY

CATALOG NUMBER: MAB5360

LOT NUMBER:

QUANTITY: 100 μ L

SPECIFICITY: Ataxin-3. The epitope was mapped precisely at E214-L233. MAB5360 can be used to study wild type ataxin-3 and the mutant form with polyglutamine expansion found in patients affected with spinocerebellar ataxin type 3/Machado-Joseph disease (SCA2/MJD). In analysis of human tissues by Western blot, MAB5360 revealed several isoforms of ataxin-3 (presumably generated by alternative splicing, Trottier et al. 1998). The antibody detected polyglutamine aggregate (or nuclear inclusions) by IHC on SCA-3/MJD brain sections (Paulson et al. 1997).

IMMUNOGEN: Human ataxin-3 fragment from aa F112-L249 as a fusion protein.

ISOTYPE: IgG_{1 κ}

APPLICATIONS: Western blot (natural and recombinant protein): 1:500-1:5,000
Immunohistochemistry: 1:500-1:5,000
Immunocytochemistry: 1:500-1:5,000
Immunoprecipitation: 1:500-1:5,000
ELISA: 1:500-1:5,000

Optimal working dilutions must be determined by the end user.

SPECIES REACTIVITIES: Human, monkey, rat and mouse

FORMAT: Ascites

PRESENTATION: Liquid, does not contain any preservative.

STORAGE/HANDLING: Maintain at -20°C in undiluted aliquots up to 12 months.
Avoid repeated freeze/thaw cycles.

REFERENCES: Trottier et al., *Neurobiology of Disease* (1998) **5**:335-397.
Paulson et al., *Neuron* (1997) **19**:333-344.

For research use only; not for use as a diagnostic.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

CHEMICON has a complete listing of our affinity purified second antibodies and conjugates listed in our Immunological Reagents Catalog. CHEMICON Technical Service would be happy to assist you in selecting an appropriate antibody for your system. Call our Technical Service Department for additional information now at 1-800-437-7500.