ATXN3 RABBIT PAB

Cat.#: S218340

Product Name: Anti-ATXN3 Rabbit Polyclonal Antibody

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

UNIPROT ID: P54252 (Gene Accession - BC033711)

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.

Immunogen: Fusion protein of human ATXN3

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-300; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

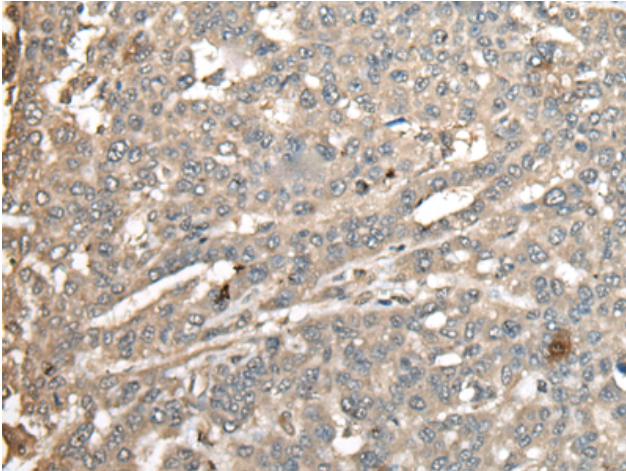**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification
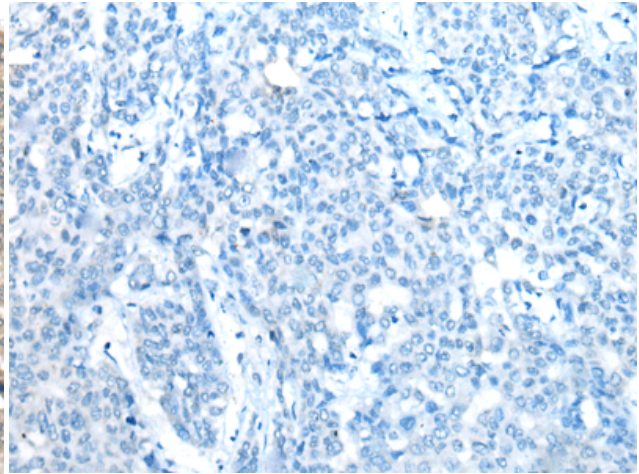
Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

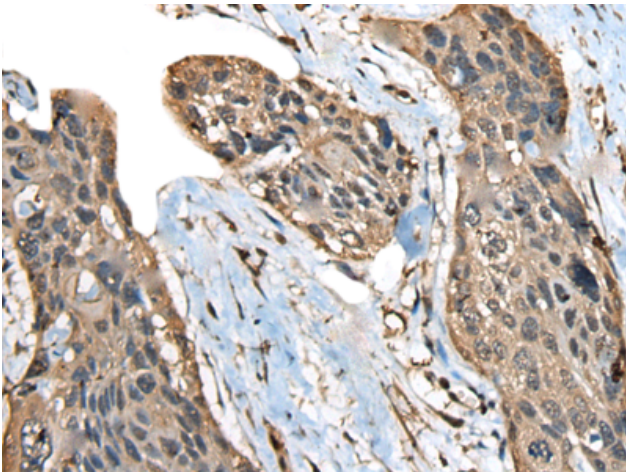**Research Areas:** Epigenetics and Nuclear Signaling, Neuroscience

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing
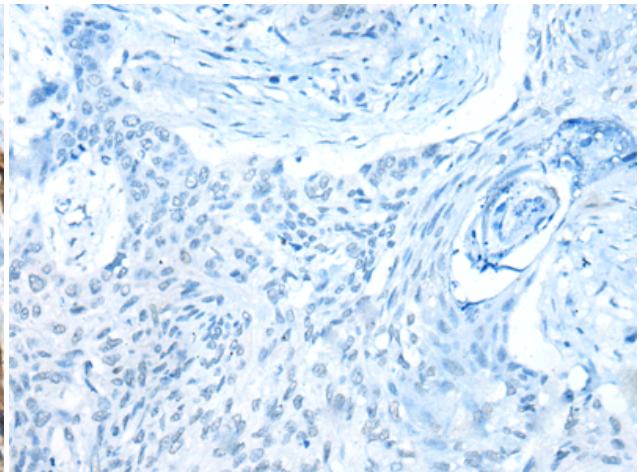
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218340(ATXN3 Antibody) at a dilution of 1/100(Cytoplasm and Nucleus).

In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218340(Anti-ATXN3 Antibody) at dilution 1/100.

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 218340(Anti-ATXN3 Antibody) at a dilution of 1/100.

In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D224204(Anti-ATXN3 Antibody) at dilution 1/100.