

## Anti-ATX2/ATXN2 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9483-Fluoro594

### About ATXN2

Ataxin-2, the protein encoded by the ATXN2 gene, contains a polyglutamine tract, long expansions (greater than 33 repeats) of which result in spinocerebellar ataxia-2 (SCA2), an autosomal dominant form of olivopontocerebellar atrophy. The gene for spinocerebellar ataxia type 2 (SCA2) has been mapped to 12q24.1. Ataxin-2 associates with L- and T-plastin and that overexpression of ataxin-2 leads to accumulation of T-plastin in mammalian cells.

### Overview

Product Name	Anti-ATX2/ATXN2 Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q99700

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ATX2, identical to the related mouse sequence.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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