

Anti-NeuN/Rbfox3 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: A11954-1-Fluoro550

About Rbfox3

RNA binding protein, fox-1 homolog (*C. elegans*) 3 (Rbfox3) is a protein that in humans is encoded by the RBFOX3 gene. This gene encodes a member of the RNA-binding FOX protein family which is involved in the regulation of alternative splicing of pre-mRNA. The protein has an N-terminal proline-rich region, an RNA recognition motif (RRM) domain, and a C-terminal alanine-rich region. This gene produces the neuronal nuclei (NeuN) antigen that has been widely used as a marker for post-mitotic neurons. This gene has its highest expression in the central nervous system and plays a prominent role in neural tissue development and regulation of adult brain function. Mutations in this gene have been associated with numerous neurological disorders. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.

Overview

Product Name	Anti-NeuN/Rbfox3 Antibody Picoband® Fluoro550 Conjugated
Reactive Species	Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IF, 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 ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q8BIF2

Technical Details

Immunogen	E.coli-derived mouse NeuN/Rbfox3 recombinant protein (Position: H28-D304).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

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