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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-hnRNP D/AUF1/HNRNPD Antibody Picoband® (monoclonal, 2B12) Biotin Conjugated

Catalog Number: M09982-Biotin

About HNRNPD

Heterogeneous nuclear ribonucleoprotein D0 (HNRNPD) also known as AU-rich element RNA-binding protein 1 (AUF1) is a protein that in humans is encoded by the HNRNPD gene. It is mapped to 4q21.22. This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are nucleic acid binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. This protein is implicated in the regulation of mRNA stability. Alternative splicing of this gene results in four transcript variants.

Overview

Product Name	Anti-hnRNP D/AUF1/HNRNPD Antibody Picoband® (monoclonal, 2B12) Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Clonality	Monoclonal 2B12
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Mouse
Uniprot ID	Q14103

Technical Details

Immunogen	E.coli-derived human hnRNP D/AUF1/HNRNPD recombinant protein (Position: E88-N246).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2a
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin

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Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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For Research Use Only. Not for use in diagnostic procedures.