

TNRC4 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10022**Specification**

TNRC4 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O5SZ08
Other Accession	O5SZ08 , NP_009116 , NM_007185
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51 kDa KDa

TNRC4 antibody - N-terminal region - Additional Information**Gene ID** 11189**Alias Symbol** **BRUNOL1, CAGH4, CELF3, ERDA4, MGC57297, TNRC4****Other Names**

CUGBP Elav-like family member 3, CELF-3, Bruno-like protein 1, CAG repeat protein 4, CUG-BP-and ETR-3-like factor 3, ELAV-type RNA-binding protein 1, ETR-1, Expanded repeat domain protein CAG/CTG 4, RNA-binding protein BRUNOL-1, Trinucleotide repeat-containing gene 4 protein, CELF3, BRUNOL1, CAGH4, ERDA4, TNRC4

Target/Specificity

Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. While several transcript variants may exist for this gene, the full-length nature of only one has been biologically validated to date.

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-TNRC4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

TNRC4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TNRC4 antibody - N-terminal region - Protein Information

Name CELF3

Synonyms BRUNOL1, CAGH4, ERDA4, TNRC4

Function

RNA-binding protein involved in the regulation of pre-mRNA alternative splicing. Mediates exon inclusion and/or exclusion in pre- mRNA that are subject to tissue-specific and developmentally regulated alternative splicing. Specifically activates exon 5 inclusion of cardiac isoforms of TNNT2 during heart remodeling at the juvenile to adult transition. Activates the splicing of MAPT/Tau exon 10. Binds to muscle-specific splicing enhancer (MSE) intronic sites flanking the alternative exon 5 of TNNT2 pre-mRNA.

Cellular Location

Nucleus. Cytoplasm.

Tissue Location

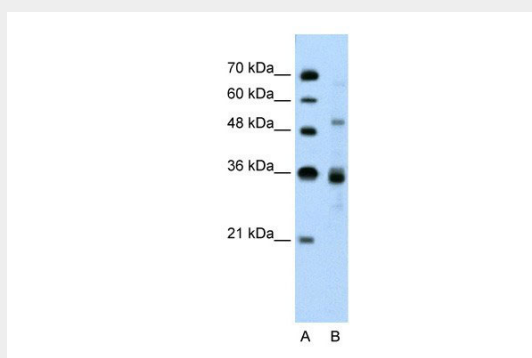
Expressed in brain..

TNRC4 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNRC4 antibody - N-terminal region - Images



TNRC4 antibody - N-terminal region (AI10022) in Human Jurkat cells using Western Blot
WB Suggested Anti-TNRC4 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate

TNRC4 antibody - N-terminal region - Background

This is a rabbit polyclonal antibody against TNRC4. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).