

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

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**TNRC4 antibody - N-terminal region - Product Information**

|                   |                                                                                |
|-------------------|--------------------------------------------------------------------------------|
| Application       | WB                                                                             |
| Primary Accession | <a href="#">O5SZQ8</a>                                                         |
| Other Accession   | <a href="#">O5SZQ8</a> , <a href="#">NP_009116</a> , <a href="#">NM_007185</a> |
| 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

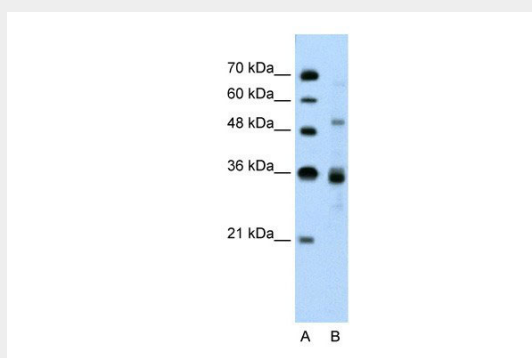
Expressed in brain..

## 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](mailto:sales@abgent.com)).