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TNRC4 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10022

Product Information

Application	WB
Primary Accession	Q5SZQ8
Other Accession	Q5SZQ8, NP_009116, NM_007185
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50548

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.

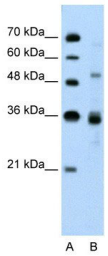
Protein Information

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..

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).

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.