

Goat Anti-Bruno-like 5 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1168a**Specification**

Goat Anti-Bruno-like 5 Antibody - Product Information

Application	WB, E
Primary Accession	Q8N6W0
Other Accession	NP_068757 , 60680
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	52355

Goat Anti-Bruno-like 5 Antibody - Additional Information**Gene ID** 60680**Other Names**

CUGBP Elav-like family member 5, CELF-5, Bruno-like protein 5, CUG-BP- and ETR-3-like factor 5, RNA-binding protein BRUNOL-5, CELF5, BRUNOL5

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-Bruno-like 5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Bruno-like 5 Antibody - Protein Information**Name** CELF5**Synonyms** BRUNOL5**Function**

RNA-binding protein implicated 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. 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..

Goat Anti-Bruno-like 5 Antibody - 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](#)

Goat Anti-Bruno-like 5 Antibody - Images

AF1168a (1 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-Bruno-like 5 Antibody - Background

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. Alternatively spliced transcript variants have been identified in this gene.

Goat Anti-Bruno-like 5 Antibody - References

Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences.

Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.

The CELF family of RNA binding proteins is implicated in cell-specific and developmentally regulated alternative splicing. Ladd AN, et al. Mol Cell Biol, 2001 Feb. PMID 11158314.

A family of human RNA-binding proteins related to the Drosophila Bruno translational regulator.

Good PJ, et al. J Biol Chem, 2000 Sep 15. PMID 10893231.