

# BRUNOL6 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP11714a

# **Product Information**

Application	IHC-P, WB, E
Primary Accession	<u>Q96J87</u>
Other Accession	<u>Q7TN33</u> , <u>NP_001166155.1</u> , <u>NP_443072.3</u>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28976
Calculated MW	50477
Antigen Region	46-74

## **Additional Information**

Gene ID	60677
Other Names	CUGBP Elav-like family member 6, CELF-6, Bruno-like protein 6, CUG-BP- and ETR-3-like factor 6, RNA-binding protein BRUNOL-6, CELF6, BRUNOL6
Target/Specificity	This BRUNOL6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-74 amino acids from the N-terminal region of human BRUNOL6.
Dilution	IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	BRUNOL6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## **Protein Information**

Name	CELF6
Synonyms	BRUNOL6
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 TNNT2 in a muscle-specific splicing enhancer (MSE)-dependent manner. Promotes also exon exclusion of INSR pre-mRNA.
Cellular Location	Nucleus. Cytoplasm.
Tissue Location	Expressed mainly in kidney, brain and testis and present in other tissues albeit at lower levels. Also expressed in fetal kidney.

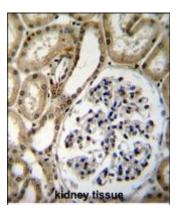
## Background

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. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene.

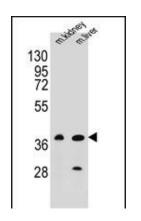
### References

Ladd, A.N., et al. J. Biol. Chem. 279(17):17756-17764(2004) Wistow, G., et al. Mol. Vis. 8, 205-220 (2002) : Good, P.J., et al. J. Biol. Chem. 275(37):28583-28592(2000)

### Images



BRUNOL6 Antibody (N-term) (Cat. #AP11714a)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of BRUNOL6 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



BRUNOL6 Antibody (N-term) (Cat. #AP11714a) western blot analysis in mouse kidney,liver tissue lysates (35ug/lane).This demonstrates the BRUNOL6 antibody detected the BRUNOL6 protein (arrow).

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