10320 Camino Santa Fe, Suite G
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ZCRB1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12932B

Specification

ZCRB1 Antibody (C-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q8TBF4
Other Accession	Q6DJI9, Q56JZ7, NP_149105.3
Reactivity	**Human, Mouse**
Predicted	**Bovine, Xenopus**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**24592**
Antigen Region	**184-212**

ZCRB1 Antibody (C-term) - Additional Information

Gene ID 85437

Other Names
Zinc finger CCHC-type and RNA-binding motif-containing protein 1, U11/U12 small nuclear ribonucleoprotein 31 kDa protein, U11/U12 snRNP 31 kDa protein, U11/U12-31K, ZCRB1

Target/Specificity
This ZCRB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 184-212 amino acids from the C-terminal region of human ZCRB1.

Dilution
WB~~1:1000
IHC-P~~1:10~50
FC~~1:10~50

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
ZCRB1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZCRB1 Antibody (C-term) - Protein Information

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Name ZCRB1

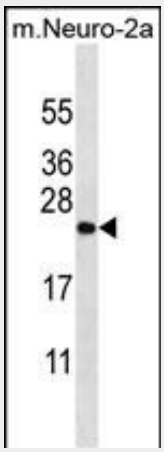
Cellular Location
Nucleus, nucleoplasm

ZCRB1 Antibody (C-term) - Protocols

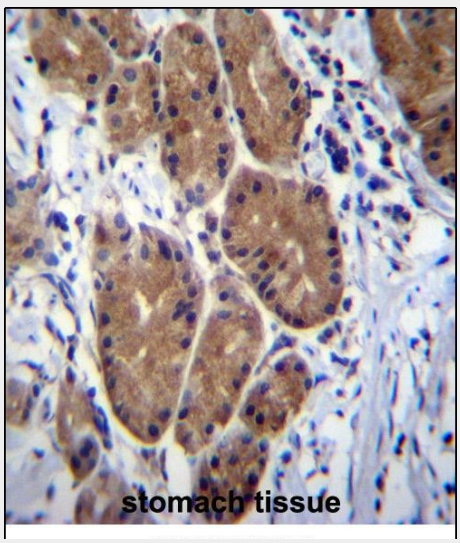
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZCRB1 Antibody (C-term) - Images

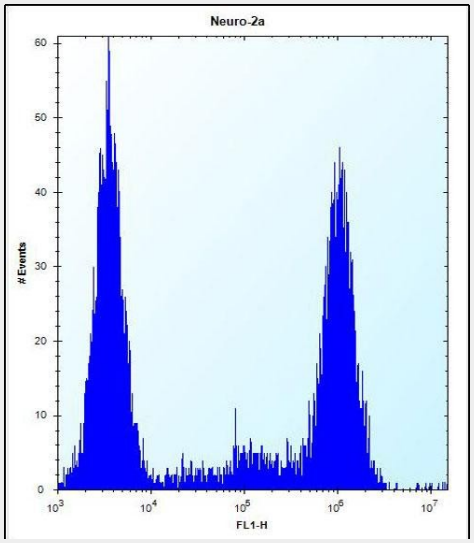


ZCRB1 Antibody (C-term) (Cat. #AP12932b) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the ZCRB1 antibody detected the ZCRB1 protein (arrow).



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ZCRB1 Antibody (C-term) (Cat. #AP12932b)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ZCRB1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



ZCRB1 Antibody (C-term) (Cat. #AP12932b) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

ZCRB1 Antibody (C-term) - Background

Pre-mRNA splicing is catalyzed by the spliceosome.
U12-type spliceosome binds U12-type pre-mRNAs and recognizes the 5' splice site and branch-point sequence. U11 and U12 snRNPs are components of U12-type spliceosome and function as a molecular bridge connecting both ends of the intron. The protein encoded by this gene contains a RNA recognition motif. It was identified as one of the protein components of U11/U12 snRNPs. This protein and many other U11/U12 snRNP proteins are highly conserved in organisms known to contain U12-type introns. These proteins have been shown to be essential for cell viability, suggesting the key roles in U12-type splicing.

ZCRB1 Antibody (C-term) - References

Wang, H., et al. Genomics 89(1):59-69(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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Will, C.L., et al. RNA 10(6):929-941(2004)