



Datasheet for ABIN656856
anti-ZCRB1 antibody (C-Term)



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3 Images

Overview

Quantity:	400 µL
Target:	ZCRB1
Binding Specificity:	AA 184-212, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB28117
Isotype:	Ig Fraction
Predicted Reactivity:	B, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ZCRB1
Alternative Name:	ZCRB1 (ZCRB1 Products)

Target Details

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.

Molecular Weight: 24592

Gene ID: 85437

NCBI Accession: [NP_149105](#)

UniProt: [Q8TBF4](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

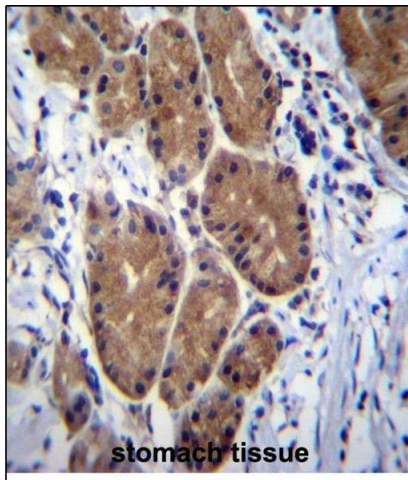
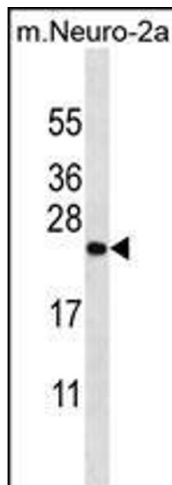
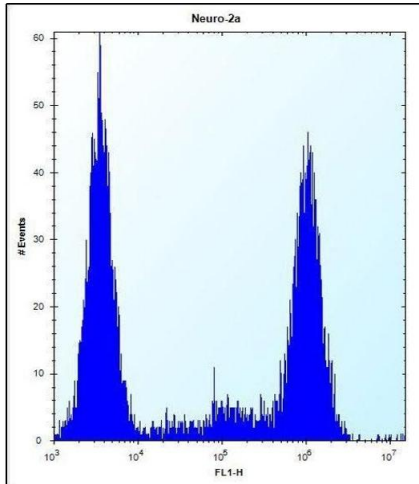
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: ZCRB1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Flow Cytometry

Image 1. ZCRB1 Antibody (C-term) (ABIN656856 and ABIN2846061) 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.

Western Blotting

Image 2. ZCRB1 Antibody (C-term) (ABIN656856 and ABIN2846061) western blot analysis in mouse Neuro-2a cell line lysates (35 µg/lane). This demonstrates the ZCRB1 antibody detected the ZCRB1 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. ZCRB1 Antibody (C-term) (ABIN656856 and ABIN2846061) 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.