

ZCRB1 Antibody

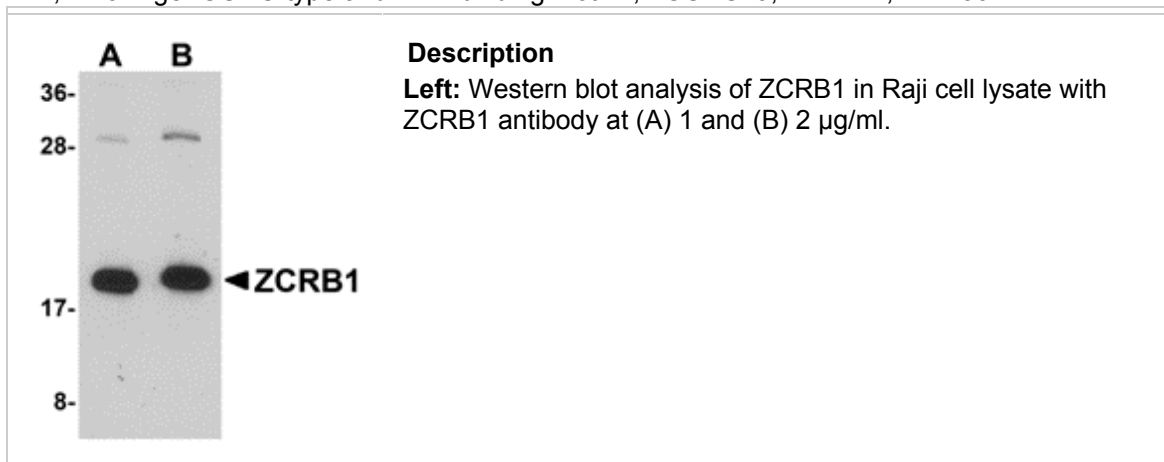
HOM-5225

Background

ZCRB1 is a nuclear protein first identified in a differential display screen involving morphine-dependence-related genes. Its expression is increased following morphine treatment and has been observed to be elevated in HepG2 cells. ZCRB1 contains a CCHC-type zinc finger RNA-binding motif and can interact with the DBA-binding domain of the stem cell regulator C/EBP transcription factors. ZCRB1 was identified as one of the protein components of U11/U12 snRNPs, which are components of U12-type spliceosome and function as a molecular bridge connecting both ends of the intron, suggesting ZCRB1 may play a key role in U12-type splicing.

Additional Names

ZCRB1, Zinc finger CCHC-type and RNA binding motif 1, ZCCHC19, MADP-1, RBM36



Source

ZCRB1 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human ZCRB1.

Purification

Affinity chromatography purified via peptide column

Clonality / Clone

This is a polyclonal antibody.

Host

ZCRB1 antibody was raised in rabbit.

Please use anti-rabbit secondary antibodies.

Application

ZCRB1 antibody can be used for detection of ZCRB1 by Western blot at 1 - 2 µg/ml.

Tested Application

E, WB

Buffer

Antibody is supplied in PBS containing 0.02% sodium azide.

Blocking Peptide

ZCRB1 Peptide (contact Zyagen for availability)

Storage

ZCRB1 antibody can be stored at 4°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Positive Control

Raji Cell Lysate (contact Zyagen for availability)

Species Reactivity

H, M, R

Protein GI Number

51243065

Protein Accession Number

NP_149105

Short Description

Zinc finger CCHC-type and RNA binding motif 1

References

1. Wang H, Gao MX, Li L, et al. Isolation, expression, and characterization of the human ZCRB1 gene mapped to 12q2. *Genomics* 2007; 89:59-69.
2. Trivedi AK, Bararia D, Christopeit M, et al. Proteomic identification of C/EBP-DBD multiprotein complex: JNK1 activates stem cell regulator C/EBPalpha by inhibiting its ubiquitination. *Oncogene* 2007; 1789-801.
3. Will CL, Schneider C, Hossbach M, et al. The human 18S U11/U12 snRNP contains a set of novel proteins not found in the U2-dependent spliceosome. *RNA* 2004; 10:929-41.