

Rabbit TIS11B Polyclonal Antibody | anti-TIS11B antibody

TIS11B Polyclonal Antibody

CATALOG # AAA295923	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TIS11B; Polyclonal Antibody; TIS11B Polyclonal Antibody; ZFP36L1; BERG36; BRF1; ERF1; RNF162B; Zinc finger protein 36; C3H1 type-like 1; Butyrate response factor 1; EGF-response factor 1; ERF-1; Protein TIS11B; anti-TIS11B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-TIS11B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.


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Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-TIS11B antibody	Zinc-finger RNA-binding protein that destabilizes several cytoplasmic AU-rich element (ARE)-containing mRNA transcripts by promoting their poly (A) tail removal or deadenylation, and hence provide a mechanism for attenuating protein synthesis (PubMed:15538381, PubMed:15467755, PubMed:17030608, PubMed:19179481, PubMed:20702587, PubMed:24700863, PubMed:25106868, PubMed:25014217, PubMed:26542173). Acts as a 3'-untranslated region (UTR) ARE mRNA-binding adapter protein to communicate signaling events to the mRNA decay machinery (PubMed:18326031, PubMed:25106868). Induces also the degradation of ARE-containing mRNAs even in absence of poly (A) tail (By similarity). Binds to 3'-UTR ARE of numerous mRNAs (PubMed:15538381, PubMed:15467755, PubMed:17030608, PubMed:19179481, PubMed:20702587, PubMed:24700863, PubMed:25106868, PubMed:25014217, PubMed:26542173). Positively regulates early adipogenesis by promoting ARE-mediated mRNA decay of immediate early genes (IEGs)(By similarity). Promotes ARE-mediated mRNA decay of mineralocorticoid receptor NR3C2 mRNA in response to hypertonic stress (PubMed:24700863). Negatively regulates hematopoietic/erythroid cell differentiation by promoting ARE- mediated mRNA decay of the transcription factor STAT5B mRNA (PubMed:20702587). Positively regulates monocyte/macrophage cell differentiation by promoting ARE-mediated mRNA decay of the cyclin-dependent kinase CDK6 mRNA (PubMed:26542173). Promotes degradation of ARE-containing pluripotency-associated mRNAs in embryonic stem cells (ESCs), such as NANOG, through a fibroblast growth factor (FGF)-induced MAPK-dependent signaling pathway, and hence attenuates ESC self-renewal and positively regulates mesendoderm differentiation (By similarity). May play a role in mediating pro-apoptotic effects in malignant B-cells by promoting ARE-mediated mRNA decay of BCL2 mRNA (PubMed:25014217). In association with ZFP36L2 maintains quiescence on developing B lymphocytes by promoting ARE-mediated decay of several mRNAs encoding cell cycle regulators that help B cells progress through the cell cycle, and hence ensuring accurate variable-diversity- joining (VDJ) recombination and functional immune cell formation (By similarity). Together with ZFP36L2 is also necessary for thymocyte development and prevention of T-cell acute lymphoblastic leukemia (T-ALL) transformation by promoting ARE-mediated mRNA decay of the oncogenic transcription factor NOTCH1 mRNA (By similarity). Participates in the delivery of target ARE-mRNAs to processing bodies (PBs)(PubMed:17369404). In addition to its cytosolic mRNA-decay function, plays a role in the regulation of nuclear mRNA 3'-end processing; modulates mRNA 3'-end maturation efficiency of the DLL4 mRNA through binding with an ARE embedded in a weak noncanonical polyadenylation (poly (A)) signal in endothelial cells (PubMed:21832157). Also involved in the regulation of stress granule (SG) and P-body (PB) formation and fusion (PubMed:15967811). Plays a role in vasculogenesis and endocardial development (By similarity). Plays a role in the regulation of keratinocyte proliferation, differentiation and apoptosis (PubMed:27182009). Plays a role in myoblast cell differentiation (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	347659004
NCBI GeneID	677
NCBI Accession #	NP_001231627.1
NCBI GenBank Nucleotide #	NM_001244698.1
UniProt Accession #	Q07352; Q13851
Molecular Weight	36,314 Da
NCBI Official Full Name	zinc finger protein 36, C3H1 type-like 1 isoform 1
NCBI Official Synonym Full Names	ZFP36 ring finger protein-like 1
NCBI Official Symbol	ZFP36L1
NCBI Official Synonym Symbols	BRF1; ERF1; CMG1; ERF-1; Berg36; TIS11B; RNF162B
NCBI Protein Information	zinc finger protein 36, C3H1 type-like 1; EGF-response factor 1; butyrate response factor 1; early response factor Berg36; zinc finger protein 36, C3H type-like 1; zinc finger protein, C3H type, 36-like 1
UniProt Protein Name	Zinc finger protein 36, C3H1 type-like 1
UniProt Gene Name	ZFP36L1
UniProt Synonym Gene Names	BERG36; BRF1; ERF1; RNF162B; TIS11B; ERF-1
UniProt Entry Name	TISB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tis11b-antibody-immunohistochemistry-western-blot-elisa/295923>