TIS11B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TIS11B, Polyclonal Antibody
Full Product Name	TIS11B (phospho Ser92) Polyclonal Antibody
Product Gene Name	anti-TIS11B antibody
Product Synonym Names	ZFP36L1; BERG36; BRF1; ERF1; RNF162B; TIS11B; Zinc finger protein 36; C3H1 type-like 1; Butyrate response factor 1; EGF-response factor 1; ERF-1; Protein TIS11B
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity	Phospho-TIS11B (S92) Polyclonal Antibody detects endogenous levels of TIS11B protein only when phosphorylated at S92.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	36,314 Da
Chromosome Location	Chromosome: 14; NC_000014.8 (69254372..69262960, complement). Location: 14q22-q24
OMIM	601064
3D Structure	ModBase 3D Structure for Q07352
Immunogen	The antiserum was produced against synthesized peptide derived from human TISB around the phosphorylation site of Ser92. AA range:58-107
Product Categories/Family for anti-TIS11B antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TIS11B antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-TIS11B antibody	WB: 1:500-1:2000 ELISA: 1:10000
Related Product Information for anti-TIS11B antibody	ZFP36 ring finger protein like 1 (ZFP36L1) Homo sapiens This gene is a member of the TIS11 family of early response genes, which are induced by various agonists such as the phorbol ester TPA and the polypeptide mitogen EGF. This gene is well conserved across species and has a promoter that contains motifs seen in other early-response genes. The encoded protein contains a distinguishing putative zinc finger domain with a repeating cys-his motif. This putative nuclear transcription factor most likely functions in regulating the response to growth factors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Other Notes	Small volumes of anti-TIS11B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for TIS11B purchase	MBS8585682 is an antibody targeting TIS11B. Also known as TIS11B (phospho Ser92) Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TIS11B. It may not necessarily be applicable to this product.

NCBI GI #	347659004
NCBI GeneID	677
NCBI Accession #	NP_001231627.1
UniProt Primary Accession #	Q07352
UniProt Secondary Accession #	Q13851
UniProt Related Accession #	Q07352
GenBank Nucleotide #	NM_001244698.1
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
UniProt Protein Name	Zinc finger protein 36, C3H1 type-like 1
UniProt Synonym Protein Names	Butyrate response factor 1; EGF-response factor 1; ERF-1; Protein TIS11B
UniProt Gene Name	ZFP36L1
UniProt Synonym Gene Names	BERG36; BRF1; ERF1; RNF162B; TIS11B; ERF-1
UniProt Entry Name	TISB_HUMAN
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
NCBI Summary for TIS11B	This gene is a member of the TIS11 family of early response genes, which are induced by various agonists such as the phorbol ester TPA and the polypeptide mitogen EGF. This gene is well conserved across species and has a promoter that contains motifs seen in other early-response genes. The encoded protein contains a distinguishing putative zinc finger domain with a repeating cys-his motif. This putative nuclear transcription factor most likely functions in regulating the response to growth factors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
UniProt Comments for TIS11B	BRF1: a zinc finger protein that plays an important role in the assembly of the RNA polymerase III initiation factor TFIIIB. Regulates mRNA levels by targeting transcripts containing AREs (AU-rich elements) into the decay pathway. Phosphorylation by Akt apparently generates 14-3-3 binding sites and inhibits BRF1 from promoting mRNA activity.Contains 2 C3H1-type zinc fingers. Protein type: Transcription factor Chromosomal Location of Human Ortholog: 14q22-q24 Cellular Component: nucleus; cytosol Molecular Function: mRNA binding; protein binding; DNA binding; metal ion binding; transcription factor activity Biological Process: regulation of translation; neural tube development; cell proliferation; regulation of transcription, DNA-dependent; apoptosis; heart development; multicellular organism growth; T cell differentiation in the thymus; gene expression; regulation of mRNA stability; vasculogenesis; mRNA catabolic process, deadenylation-dependent decay
Research Articles on TIS11B	**1.** The roles of TTP and BRF proteins in regulated mRNA decay.

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