



TIS11B (phospho Ser92) Polyclonal Antibody

Catalog No	YP-Ab-03534
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA;IHC
Gene Name	ZFP36L1
Immunogen	The antiserum was produced against synthesized peptide derived from human TISB around the phosphorylation site of Ser92. AA range:58-107
Specificity	Phospho-TIS11B (S92) Polyclonal Antibody detects endogenous levels of TIS11B protein only when phosphorylated at S92.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Berg36;BRF1;Butyrate response factor 1;C3H1 type-like 1;cMG1;EGF-response factor 1;ERF-1;ERF1;Protein TIS11B;RNF162B;TIS11B;TISB_HUMAN;ZFP36L1;Zinc finger protein 36;Zinc finger protein 36 C3H1 type-like 1
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	Nucleus . Cytoplasm . Cytoplasmic granule . Cytoplasm, P-body . Shuttles between the nucleus and the cytoplasm in a XPO1/CRM1-dependent manner (By similarity). Component of cytoplasmic stress granules (PubMed:15967811). Localizes in processing bodies (PBs) (PubMed:17369404). .
Tissue Specificity	Expressed mainly in the basal epidermal layer, weakly in the suprabasal epidermal layers (PubMed:27182009). Expressed in epidermal keratinocytes (at protein level) (PubMed:27182009). Expressed in osteoblasts (PubMed:15465005).
Function	function:Probable regulatory protein involved in regulating the response to growth factors.,similarity:Contains 2 C3H1-type zinc fingers.,



Background

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]

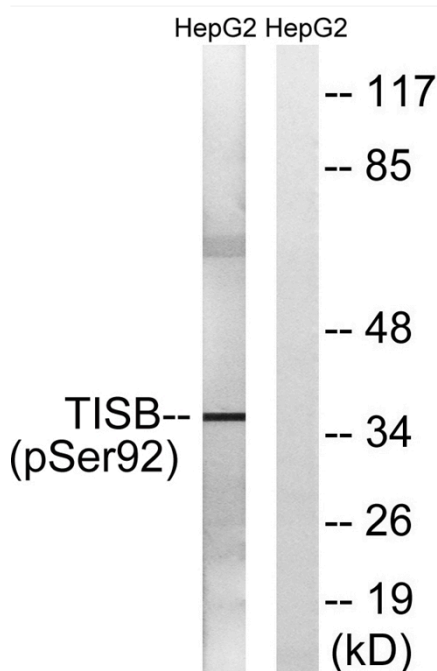
matters needing attention

Avoid repeated freezing and thawing!

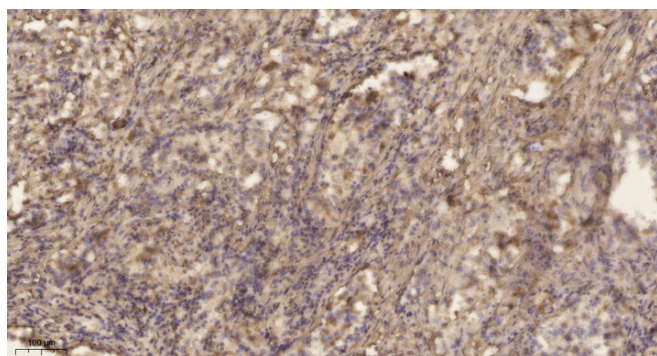
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HepG2 cells, using TISB (Phospho-Ser92) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human lung cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).