



TIS11B Polyclonal Antibody

Catalog No	YP-Ab-04245
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	ZFP36L1
Immunogen	The antiserum was produced against synthesized peptide derived from human TISB. AA range:58-107
Specificity	TIS11B Polyclonal Antibody detects endogenous levels of TIS11B protein.
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 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ZFP36L1;EGF-response factor 1;ERF-1;mRNA decay activator protein ZFP36L1; TPA-induced;TIS11B;Zinc finger protein 36 C3H1 type-like 1;BERG36;BRF1; ERF1;RNF162B;Zinc finger protein 36;C3H1 type-like 1;Butyrate response factor 1;Protein TIS11B
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

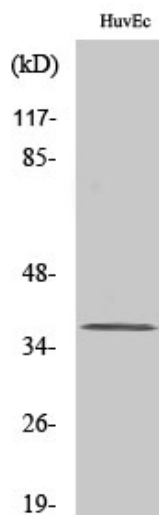
Avoid repeated freezing and thawing!

Usage suggestions

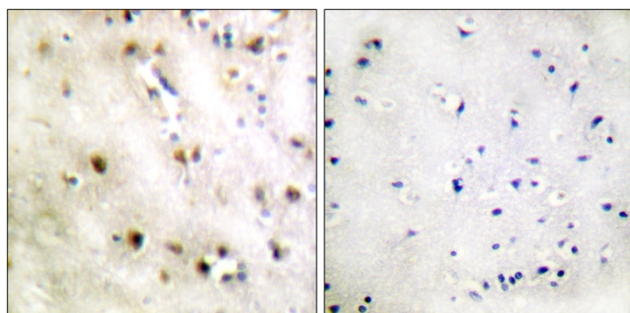
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



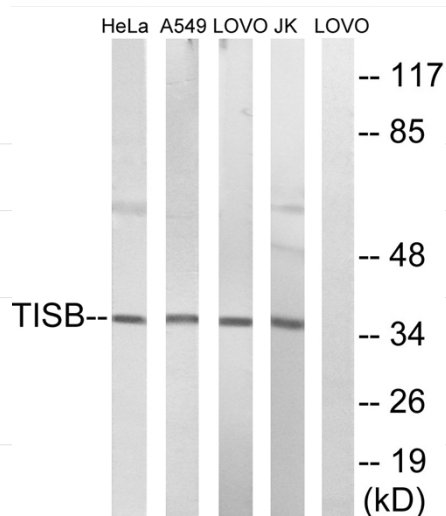
Products Images



Western Blot analysis of various cells using TIS11B Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using TISB Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat, HeLa, A549, and LOVO cells, using TISB Antibody. The lane on the right is blocked with the synthesized peptide.