

Product datasheet for **AP55321SU-N**

TIS11B (ZFP36L1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/200-1/1000. Flow Cytometry: 1/100. Immunohistochemistry: 1/100-1/1000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from N-terminal domain of Tetradecanoyl Phorbol Acetate-inducible-sequence 11b (TIS11b)
Specificity:	This antibody is specific to the TIS11b protein.
Formulation:	State: Serum State: Lyophilized powder Preservative: None
Reconstitution Method:	Restore in distilled water.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store the antibody at -20°C. Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ZFP36 ring finger protein-like 1
Database Link:	Entrez Gene 677 Human Q07352



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Background:

TIS11B (tetradecanoyl phorbol acetate-inducible sequence 11b), also known as ZFP36L1, BRF1 (butyrate response factor 1), ERF1 (EGF response factor 1), cMG1, Berg36 or RNF162B, is a member of the tristetraprolin family. Tristetraprolin (TTP), or TIS11, is a zinc-binding protein encoded by the immediate-early response gene, Zfp-36. TIS11B, a relative of TTP, localizes to the nucleus and may function as a transcription factor involved in regulating the growth factor response. It is an evolutionarily conserved protein containing two C3H1-type zinc fingers and a repeating Cys-His motif. TIS11B is an mRNA binding protein and is known to interact with the 3'-untranslated region of VEGF mRNA, thereby decreasing its stability. This suggests that TIS11B is a potential target in antiangiogenic therapy. In addition, TIS11B may also be an important regulator of myogenesis, as its expression is upregulated during murine myoblast differentiation.

Synonyms:

Butyrate response factor 1, BRF1, BERG36, RNF162B, ERF1, ERF-1