

Anti-Human/Mouse/Rat ZFP36L1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA06032

3th Edition

Description: 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. ZFP36L1 (ZFP36 Ring Finger Protein Like 1) is a Protein Coding gene. Diseases associated with ZFP36L1 include Sotos Syndrome 1. Among its related pathways are Validated targets of C-MYC transcriptional repression and PI3K / Akt Signaling. GO annotations related to this gene include poly(A) RNA binding and mRNA binding. An important paralog of this gene is ZFP36L2.

Antigen: Synthesized peptide derived from human TIS11B around the non-phosphorylation site of S92.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

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).