



Rabbit Anti-phospho-ZFP36L1 (Ser92) antibody

SL12902R

Product Name:	phospho-ZFP36L1 (Ser92)
Chinese Name:	磷酸化丁酸盐反应因子1抗体
Alias:	butyrate response factor 1 (phospho S92); ZFP36L1 (phospho S92); Berg36; BRF1; Butyrate response factor 1(phospho S334); C3H1 type-like 1; cMG1; Early response factor Berg36; EGF response factor 1; EGF-response factor 1; ERF 1; ERF-1; ERF1; Protein TIS11B; RNF162B; TIS11B; TISB_HUMAN; ZFP36L1; Zinc finger protein 36 C3H type like 1; zinc finger protein C3H type 36 like 1; BERG36; Zinc finger protein 36, C3H1 type-like 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human butyrate response factor 1 around the phosphorylation site of Ser92:SF(p-S)EG
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

EGF response factor 1 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.

Function:

Butyrate response factor 1 is a member of the TIS11 family of early response genes. Family members are induced by various agonists such as the phorbol ester TPA and the polypeptide mitogen EGF. The 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 probably functions in regulating the response to growth factors.

Subcellular Location:

Nuclear.

Similarity:

Contains 2 C3H1-type zinc fingers.

SWISS:

Q07352

Gene ID:

677

Database links:

[Entrez Gene: 400223](#) Human

[Entrez Gene: 677](#) Human

[Entrez Gene: 12192](#) Mouse

[Entrez Gene: 29344](#) Rat

[Omim: 601064](#) Human

[SwissProt: Q07352](#) Human

[SwissProt: P23950](#) Mouse

Product Detail:

[SwissProt: P17431](#) Rat

[Unigene: 707091](#) Human

[Unigene: 85155](#) Human

[Unigene: 235132](#) Mouse

[Unigene: 6142](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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