

Product datasheet for **TA354895**

ZBTB4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse, Rat, Bovine
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to the C-terminus of human ZBTB4 protein. This sequence is identical to human, mouse, rat, etc.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	105 kDa
Gene Name:	zinc finger and BTB domain containing 4
Database Link:	NP_001122305 Entrez Gene 75580 Mouse Entrez Gene 287441 Rat Entrez Gene 57659 Human Q9P1Z0
Background:	Zinc finger and BTB domain containing 4 (ZBTB4) is a transcriptional repressor protein, which is associated with the Sin3/histone deacetylase co-repressor and represses expression of P21CIP1 as part of a heterodimeric complex with Miz1. In vivo, expression of ZBTB4 is downregulated in advanced stages of multiple human tumours. In cell culture, depletion of ZBTB4 promotes cell cycle arrest in response to activation of p53 and suppresses apoptosis through regulation of P21CIP1, thereby promoting long-term cell survival. ZBTB4 is a critical determinant of the cellular response to p53 activation and reinforces the notion that p21Cip1 can provide an essential survival signal in cells with activated p53.



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Synonyms: KAISO-L1; ZNF903

Product images:



WB: The whole mouse brain tissue lysates were immunoblotted by Rabbit anti-ZBTB4 (CT) at 1:500 (Lane 1). The immunoreactive band is blocked by pre-incubation of immunizing peptide (lane 2)