

Product datasheet for **TA319808**

KAP1 (TRIM28) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	TRIM28 antibody can be used for detection of TRIM28 by Western blot at 1 - 2 µg/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Rabbit polyclonal TRIM28 antibody was raised against a 14 amino acid peptide near the carboxy terminus of human TRIM28.
Specificity:	At least three isoforms of TRIM28 are known to exist; this antibody will detect all three isoforms
Formulation:	TRIM28 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TRIM28 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	92 kDa
Gene Name:	tripartite motif containing 28
Database Link:	NP_005753 Entrez Gene 21849 Mouse Entrez Gene 116698 Rat Entrez Gene 10155 Human Q13263



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Background:	TRIM28 Antibody: TRIM28, also known as KAP-1, is a member of the Transcriptional Intermediary Factor 1 (TIF1) subfamily and contains a RING finger, B box, Coiled coil, PHD/TTC, and bromodomain. TRIM28 is a corepressor for Kruppel-associated box (KRAB)-domain-containing zinc finger proteins and plays a critical role in early embryogenesis. TRIM28 acts as a transcriptional mediator by binding liganded nuclear receptors, including retinoic acid (RAR), retinoid X (RXR) and estrogen (ER) receptors. TRIM28 associates with both heterochromatin and euchromatin, causing gene silencing by both HP1 binding and histone deacetylation.
Synonyms:	KAP1; PPP1R157; RNF96; TF1B; TIF1B
Protein Families:	Protein Kinase, Stem cell - Pluripotency, Transcription Factors