

Polyclonal Antibody to TRIM2 / RNF86 (C-term) - Aff - Purified

Alternate names:	KIAA0517, RING finger protein 86, Tripartite motif-containing protein 2
Catalog No.:	TA305745
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Uniprot ID:	Q9C040
NCBI:	NP_001123539
GeneID:	23321
Host:	Goat
Immunogen:	Synthetic peptide from the C-Terminus of Human TRIM2 (NP_056086.2, NP_001123539.1) Gene name: TRIM2 AA Sequence: DSGNHCFKVRYRLQ Remarks: Percent identity with other species by BLAST analysis: Human (100%), Gorilla (100%), Gibbon (100%), Monkey (100%), Marmoset (100%), Mouse (100%), Rat (100%), Hamster (100%), Dog (100%), Bat (100%), Bovine (100%), Horse (100%), Rabbit (100%), Opossum (100%), Turkey (100%), Chicken (100%), Platypus (100%), Lizard (100%), Xenopus (100%), Pufferfish (100%), Zebrafish (100%), Pig (86%).
Format:	State: Liquid purified Ig fraction Purification: Ammonium Sulphate Precipitation followed by antigen Affinity Chromatography using the immunizing peptide Buffer System: Tris saline, pH~7.3 Preservatives: 0.02% Sodium Azide Stabilizers: 0.5% BSA
Applications:	Peptide ELISA: 1/16000 (Detection Limit). Western blot: 0.5-2 µg/ml. Approx 80+85kDa bands observed in Rat Brain lysates. An additional band of unknown identity was also consistently observed at 30kDa. This band was successfully blocked by incubation with the immunizing peptide. Immunoprecipitation: This antibody was reported to work on Mouse protein (See Ref.1 for more details). Immunohistochemistry on Paraffin Sections: 6-12 µg/ml. In paraffin embedded Human Brain (Cortex) shows cytoplasm staining in neuronal cell bodies. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	81.5 kDa (Human NP_001123539.1) 84.4 kDa (Human NP_056086.2) 83.3 kDa (Rat NP_001102022.1).

- Specificity:** This antibody recognizes TRIM2 / RNF86.
Expected to recognise both reported isoforms (NP_056086.2; NP_001123539.1).
Cross-reactivity with TRIM3 has been demonstrated.
- Species Reactivity:** **Tested:** Human, Mouse, Rat.
Expected from sequence similarity: Canine and Bovine.
- Storage:** Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.
- General Readings:** 1. Thompson S, Pearson AN, Ashley MD, Jessick V, Murphy BM, Gafken P, et al. Identification of a novel Bcl-2-interacting mediator of cell death (Bim) E3 ligase, tripartite motif-containing protein 2 (TRIM2), and its role in rapid ischemic tolerance-induced neuroprotection. J Biol Chem. 2011 Jun 3;286(22):19331-9. doi: 10.1074/jbc.M110.197707. Epub 2011 Apr 8. PubMed PMID: 21478148.
- Pictures:** TA305745 (0.5ug/ml) staining of Rat Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

