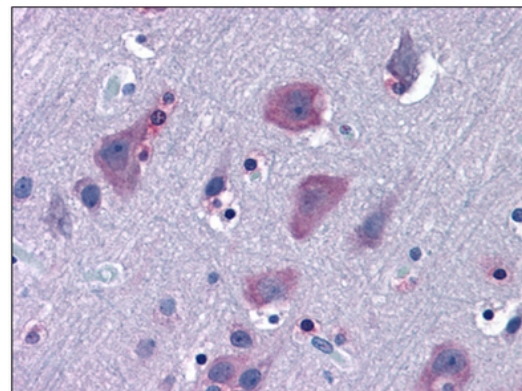


AP31074PU-N**Polyclonal Antibody to TRIM2 / RNF86 (758-771) - Aff - Purified**

Alternate names:	KIAA0517, RING finger protein 86, Tripartite motif-containing protein 2
Quantity:	50 µg
Concentration:	0.5 mg/ml
Background:	KIAA0517 / TRIM2 is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic filaments. It plays a neuroprotective role and functions as an E3-ubiquitin ligase in proteasome-mediated degradation of target proteins. Mutations in this gene can cause early-onset axonal neuropathy. Alternative splicing results in multiple transcript variants.
Uniprot ID:	Q9C040
NCBI:	NP_001123539
GeneID:	23321
Host:	Goat
Immunogen:	Synthetic peptide from the C-terminus of human TRIM2 / RNF86 (NP_056086.2; NP_001123539.1) AA Sequence: DSGNHCFKVVRYLQ Remarks: Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Opossum, Turkey, Chicken, Platypus, Lizard, Xenopus, Stickleback, Pufferfish, Zebrafish (100%); Pig (86%)
Format:	State: Liquid purified IgG fraction Purification: Immunoaffinity Chromatography Buffer System: Tris saline buffer, pH 7.3 containing 0.5% BSA as stabilizer and 0.02% Sodium Azide as preservative
Applications:	ELISA: 1/16000. Immunohistochemistry on Paraffin Sections: 6.25 µg/ml. Western Blot: 0.5 - 2 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes Tripartite Motif Protein TRIM2 at aa 758-771. It is expected to recognise both reported isoforms (NP_056086.2; NP_001123539.1). Cross-reactivity with TRIM3 has been demonstrated.
Species Reactivity:	Tested: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Opossum, Turkey, Chicken, Platypus, Lizard, Xenopus, Stickleback, Pufferfish, Zebrafish, Pig
Add. Information:	Calculated Molecular Weight: 81.5 kDa (Human NP_001123539.1), 84.4 kDa (Human NP_056086.2) and 83.3 kDa (Rat NP_001102022.1).

Storage: Store the antibody (in aliquots) at -20°C.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Pictures: Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



AP31074PU-N TRIM2 antibody staining of Rat Brain lysate at 0.5 mg/ml (35 µg protein/ml in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

