

Rabbit anti-Human, mouse TRIM24 Polyclonal Antibody | anti-TRIM24 antibody

TRIM24 Antibody (N-term)

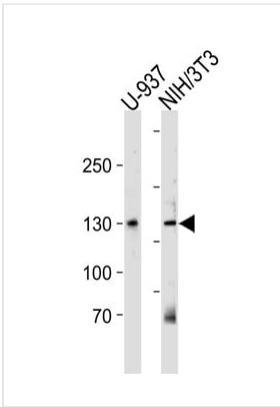
CATALOG # AAA285572	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

TRIM24; Polyclonal Antibody; TRIM24 Antibody (N-term); Transcription intermediary factor 1-alpha; TIF1-alpha; 632-; E3 ubiquitin-protein ligase TRIM24; RING finger protein 82; Tripartite motif-containing protein 24; RNF82; TIF1; TIF1A; anti-TRIM24 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TRIM24 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-45 amino acids from the N-terminal region of human TRIM24.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	16-45
Applicable Applications for anti-TRIM24 antibody	ELISA, WB (Western Blot)
Function	Transcriptional coactivator that interacts with numerous nuclear receptors and coactivators and modulates the transcription of target genes. Interacts with chromatin depending on histone H3 modifications, having the highest affinity for histone H3 that is both unmodified at 'Lys-4' (H3K4me0) and acetylated at 'Lys-23' (H3K23ac). Has E3 protein-ubiquitin ligase activity. Promotes ubiquitination and proteasomal degradation of p53/TP53. Plays a role in the regulation of cell proliferation and apoptosis, at least in part via its effects on p53/TP53 levels. Up-regulates ligand-dependent transcription activation by AR, GCR/NR3C1, thyroid hormone receptor (TR) and ESR1. Modulates transcription activation by retinoic acid (RA) receptors, including RARA. Plays a role in regulating retinoic acid-dependent proliferation of hepatocytes (By similarity).
Cellular Location	Nucleus. Cytoplasm. Note=Colocalizes with sites of active transcription. Detected both in nucleus and cytoplasm in some breast cancer samples. Predominantly nuclear
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
TRIM24 Antibody (N-term)(AAA285572) western blot analysis in U-937,mouse NIH/3T3 cell line lysates (35ug/lane).This demonstrates the TRIM24 antibody detected the TRIM24 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM24 antibody	The protein encoded by this gene mediates transcriptional control by interaction with the activation function 2 (AF2) region of several nuclear receptors, including the estrogen, retinoic acid, and vitamin D3 receptors. The protein localizes to nuclear bodies and is thought to associate with chromatin and heterochromatin-associated factors. The protein 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. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Product Categories/Family for anti-TRIM24 antibody	Crown Antibodies; Signal Transduction
References	Kikuchi, M., et al. Biochim. Biophys. Acta 1793(12):1828-1836(2009) Lowe, J.K., et al. PLoS Genet. 5 (2), E1000365 (2009) : Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Yondola, M.A., et al. J. Virol. 81(8):4264-4271(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	47419909
NCBI GeneID	8805
NCBI Accession #	NP_003843.3; NP_056989.2
NCBI GenBank Nucleotide #	NM_003852.3
UniProt Accession #	O15164; O95854; A4D1R7; A4D1R8
Molecular Weight	116831
NCBI Official Full Name	transcription intermediary factor 1-alpha isoform b
NCBI Official Synonym Full Names	tripartite motif containing 24
NCBI Official Symbol	TRIM24
NCBI Official Synonym Symbols	PTC6; TF1A; TIF1; RNF82; TIF1A; hTIF1; TIF1ALPHA
NCBI Protein Information	transcription intermediary factor 1-alpha
UniProt Protein Name	Transcription intermediary factor 1-alpha
UniProt Gene Name	TRIM24

UniProt Synonym Gene Names	RNF82; TIF1; TIF1A; TIF1-alpha
UniProt Entry Name	TIF1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/trim24-antibody-western-blot-elisa/285572>