

Datasheet for ABIN7180275
anti-TRIM24 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TRIM24
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM24 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human TRIM24.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	TRIM24
Alternative Name:	TRIM24 (TRIM24 Products)
Background:	Background: Transcriptional coactivator that interacts with numerous nuclear receptors and

Target Details

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.

Thenot S., J. Biol. Chem. 272:12062-12068(1997).

Venturini L., Oncogene 18:1209-1217(1999).

Hellal-Levy C., Mol. Endocrinol. 14:1210-1221(2000).

Aliases: E3 ubiquitin protein ligase TRIM24 antibody, E3 ubiquitin-protein ligase Trim24 antibody, hTIF1 antibody, PTC6 antibody, RING finger protein 82 antibody, RNF82 antibody, TF1A antibody, TIF1 alpha antibody, TIF1 antibody, TIF1-alpha antibody, TIF1A antibody, TIF1A_HUMAN antibody, TIF1ALPHA antibody, Transcription intermediary factor 1-alpha antibody, Transcriptional intermediary factor 1 alpha antibody, Transcriptional intermediary factor 1 antibody, Trim24 antibody, Tripartite motif containing 24 antibody, Tripartite motif-containing protein 24 antibody

UniProt: [O15164](#)

Application Details

Application Notes: WB:1:500-1:3000, IHC:1:50-1:100,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

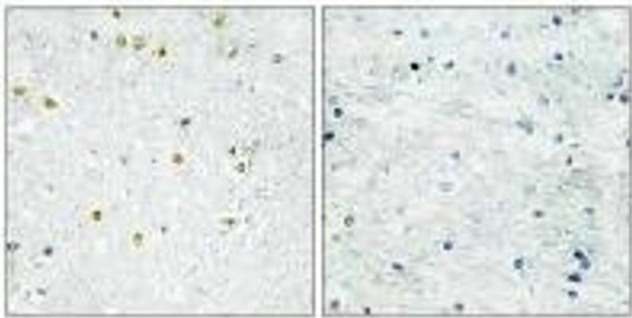
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

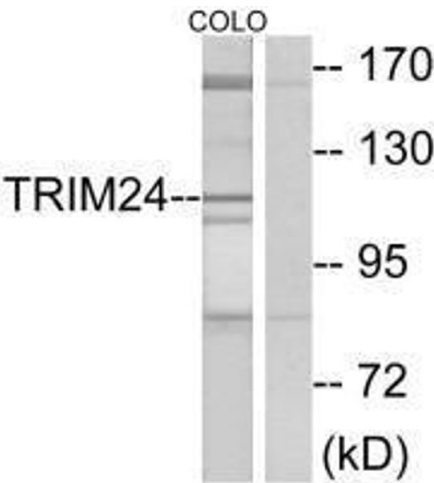
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain tissue using TRIM24 antibody.



Western Blotting

Image 2. Western blot analysis of extracts from COLO cells, using TRIM24 antibody.