

Datasheet for ABIN6244019
anti-TRIM24 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	TRIM24
Binding Specificity:	AA 789-843, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM24 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	This Mouse Trim24 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 789-843 amino acids from the C-terminal region of Mouse Trim24.
Clone:	RB51160
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TRIM24
Alternative Name:	Trim24 (TRIM24 Products)

Target Details

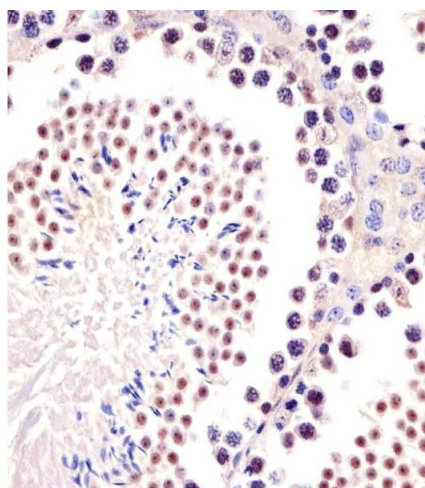
Background:	Transcriptional coactivator that interacts with numerous nuclear receptors and coactivators and modulates the transcription of target genes. Interacts with chromatin depending on histone H3 modifications, having the highest affinity for histone H3 that is both unmodified at 'Lys-4' (H3K4me0) and acetylated at 'Lys-23' (H3K23ac) (By similarity). 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 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, such as RARA. Plays a role in regulating retinoic acid-dependent proliferation of hepatocytes. Required for normal transition from proliferating neonatal hepatocytes to quiescent adult hepatocytes.
Molecular Weight:	116657
UniProt:	Q64127

Application Details

Application Notes:	IF: 1:25. WB: 1:1000. WB: 1:2000. IHC-P: 1:25
Restrictions:	For Research Use only

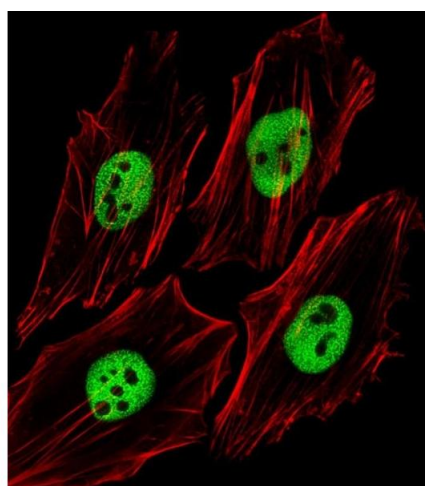
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



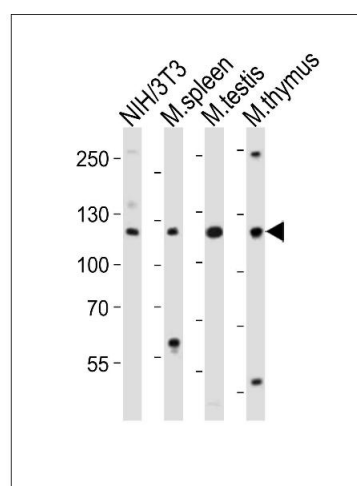
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6244019 and ABIN6577664) staining (Mouse) Trim24 in mouse testis sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Immunofluorescence

Image 2. Fluorescent image of HeLa cells stained with (Mouse) Trim24 Antibody (C-term) (ABIN6244019 and ABIN6577664). (ABIN6244019 and ABIN6577664) was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



Western Blotting

Image 3. Western blot analysis of lysates from mouse NIH/3T3 cell line, mouse spleen, mouse testis, mouse thymus tissue lysate (from left to right), using Trim24 Antibody (C-term) (ABIN6244019 and ABIN6577664). (ABIN6244019 and ABIN6577664) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6244019.