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Datasheet for ABIN655811  
**anti-KAP1 antibody (N-Term)**

4 Images

Overview

Quantity:	400 µL
Target:	KAP1 (TRIM28)
Binding Specificity:	AA 178-207, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TRIM28 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 178-207 amino acids from the N-terminal region of human TRIM28.
Clone:	RB09760
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KAP1 (TRIM28)
Alternative Name:	TRIM28 ( <a href="#">TRIM28 Products</a> )

## Target Details

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Background:	The protein encoded by this gene mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors. The protein localizes to the nucleus and is thought to associate with specific chromatin regions. The protein is a member of the tripartite motif family. This tripartite motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region.
Molecular Weight:	88550
Gene ID:	10155
NCBI Accession:	<a href="#">NP_005753</a>
UniProt:	<a href="#">Q13263</a>
Pathways:	<a href="#">Hedgehog Signaling</a> , <a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

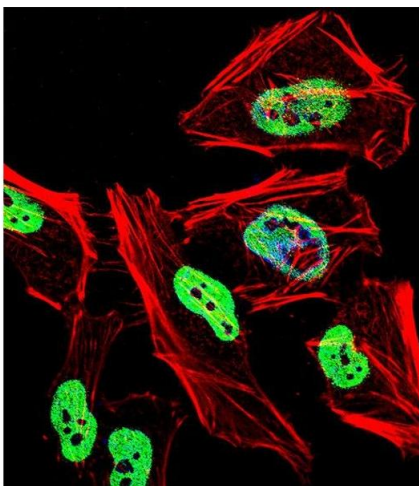
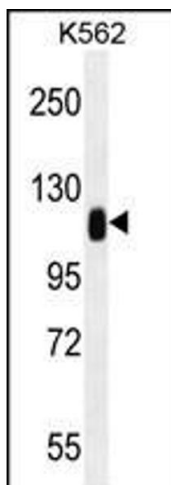
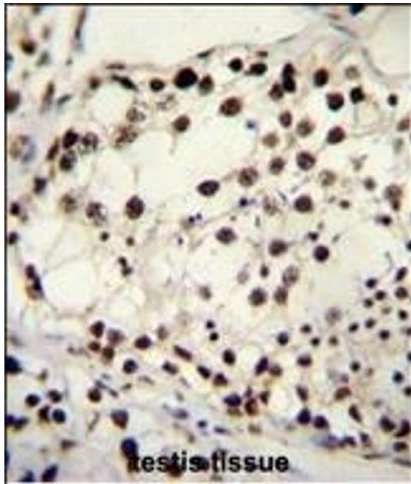
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Application Notes:	IF: 1:10~50. WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

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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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** TRIM28 Antibody (N-term) (ABIN655811 and ABIN2845236) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TRIM28 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

### Western Blotting

**Image 2.** TRIM28 Antibody (N-term) (ABIN655811 and ABIN2845236) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the TRIM28 antibody detected the TRIM28 protein (arrow).

### Immunofluorescence

**Image 3.** Fluorescent confocal image of HeLa cell stained with TRIM28 Antibody (N-term) R. HeLa cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with TRIM28 primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). TRIM28 immunoreactivity is localized to Nucleus significantly.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN655811.