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Datasheet for ABIN6241957 anti-KAP1 antibody

4 Images



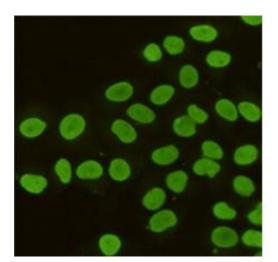
# Overview

0.00.000	
Quantity:	100 µL
Target:	KAP1 (TRIM28)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),
	Immunocytochemistry (ICC)
Product Details	
Immunogen:	Recombinant Protein
Target Details	
Target:	KAP1 (TRIM28)
Alternative Name:	KAP1 / TIF1 beta (TRIM28 Products)
Background:	Nuclear corepressor for KRAB domain-containing zinc finger proteins (KRAB-ZFPs). Mediates
	gene silencing by recruiting CHD3, a subunit of the nucleosome remodeling and deacetylation
	(NuRD) complex, and SETDB1 (which specifically methylates histone H3 at 'Lys-9' (H3K9me)) to
	the promoter regions of KRAB target genes. Enhances transcriptional repression by
	coordinating the increase in H3K9me, the decrease in histone H3 'Lys-9 and 'Lys-14' acetylation
	(H3K9ac and H3K14ac, respectively) and the disposition of HP1 proteins to silence gene

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	coactivator for CEBPB and NR3C1 in the transcriptional activation of ORM1. Also corepressor
	for ERBB4. Inhibits E2F1 activity by stimulating E2F1-HDAC1 complex formation and inhibiting
	E2F1 acetylation. May serve as a partial backup to prevent E2F1-mediated apoptosis in the
	absence of RB1. Important regulator of CDKN1A/p21(CIP1). Has E3 SUMO-protein ligase
	activity toward itself via its PHD-type zinc finger. Also specifically sumoylates IRF7, thereby
	inhibiting its transactivation activity. Ubiquitinates p53/TP53 leading to its proteosomal
	degradation, the function is enhanced by MAGEC2 and MAGEA2, and possibly MAGEA3 and
	MAGEA6. Mediates the nuclear localization of KOX1, ZNF268 and ZNF300 transcription factors.
UniProt:	Q13263
Pathways:	Hedgehog Signaling, Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	IP: 1:500. WB: 1:1000. IHC: 1:100. ICC: 1:100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Storage:	4 °C,-20 °C

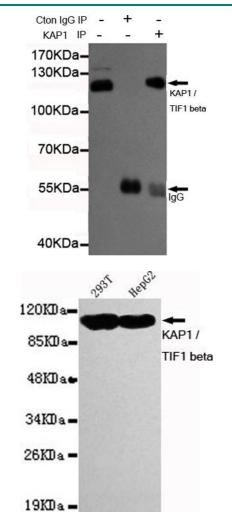
# Images



# Immunocytochemistry

**Image 1.** Immunocytochemistry staining of HeLa cells fixed with 4 % Paraformaldehyde and using anti-K / TIF1 beta mouse mAb (dilution 1:100).

## Images



#### Immunoprecipitation

**Image 2.** Immunoprecipitation analysis of Hela cell lysates using K / TIF1 beta mouse mAb.

## Western Blotting

**Image 3.** Western blot detection of K / TIF1 beta in 293T and HepG2 cell lysates using K / TIF1 beta mouse mAb (1:1000 diluted).Observed band size: 110KDa.

Please check the product details page for more images. Overall 4 images are available for ABIN6241957.