

Datasheet for ABIN2777312 anti-KAP1 antibody (N-Term)





Go to Product page

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Overview	
Quantity:	100 μL
Target:	KAP1 (TRIM28)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KAP1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TRIM28
Sequence:	AASAAASAA AASAASGSPG PGEGSAGGEK RSTAPSAAAS ASASAAASSP
Predicted Reactivity:	Cow: 92%, Dog: 100%, Human: 100%, Mouse: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TRIM28. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	KAP1 (TRIM28)

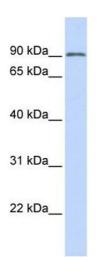
Target Details

Alternative Name:	TRIM28 (TRIM28 Products)
Background:	TRIM28 mediates transcriptional control by interaction with the Kruppel-associated box
	repression domain found in many transcription factors. TRIM28 localizes to the nucleus and is
	thought to associate with specific chromatin regions. It 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. 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 tripartit
	motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a
	coiled-coil region. Publication Note: This RefSeq record includes a subset of the publications
	that are available for this gene. Please see the Entrez Gene record to access additional publications.
	Alias Symbols: FLJ29029, KAP1, RNF96, TF1B, TIF1B
	Protein Interaction Partner: WWOX, ERLIN2, HUWE1, SUMO1, UBC, SPRTN, SENP7, HAUS2,
	MAGEC2, CBX5, WHSC1, UBE2I, AURKA, SUMO2, SUMO3, RNF4, CEP250, TRIM28, HIF1A,
	CHD3, ATM, ZNF350, STAU1, HIST3H3, LYN, NEDD8, MDM2, ZBTB1, RPA3, RPA2, RPA1, RNF2
	SUZ12, EZH2, BMI1, EED, BRCC3, WRNIP1,
	Protein Size: 835
Molecular Weight:	88 kDa
Gene ID:	10155
NCBI Accession:	NM_005762, NP_005753
UniProt:	Q13263
Pathways:	Hedgehog Signaling, Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 835 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Handling

Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
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 Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TRIM28 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate TRIM28 is supported by BioGPS gene expression data to be expressed in MCF7