

## Goat anti-KAP1 Antibody

Item Number	dAP-3064
Target Molecule	Principle Name: KAP1; Official Symbol: TRIM28; All Names and Symbols: TRIM28; tripartite motif-containing 28; FLJ29029; KAP1; RNF96; TF1B; TIF1B ; KRAB-associated protein 1; nuclear corepressor KAP-1; transcriptional intermediary factor 1-beta; tripartite motif-containing 28 protein; Accession Number (s): NP_005753.1; Human Gene ID(s): 10155; Non-Human GenelD(s):
Immunogen	KQFNKLTEDKADVQ, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	Western Blot: Approx 100kDa band observed in nuclear lysates of cell lines HeLa, Jurkat and K562 (calculated MW of 88.5kDa according to NP_005753.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources.
IHC	
Reference	Reference(s): Sripathy SP, Stevens J, Schultz DC. The KAP1 corepressor functions to coordinate the assembly of de novo HP1-demarcated microenvironments of heterochromatin required for KRAB zinc finger protein-mediated transcriptional repression. Mol Cell Biol. 2006 Nov;26(22):8623-38. Epub 2006 Sep 5.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**