

Rabbit anti-Human, Mouse KAP-1 Polyclonal Antibody | anti-KAP-1 antibody

Rabbit anti-Phospho KAP-1 (S824) Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23773	Rabbit	Human, Mouse	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunocytochemistry, Immunocytochemistry

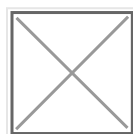
PRODUCT SYNONYMS

KAP-1; Polyclonal Antibody; Rabbit anti-Phospho KAP-1 (S824) Antibody; Affinity Purified; Phospho (S824); KRAB [Kruppel-associated box domain]-associated protein 1; RING finger protein 96; Tripartite motif-containing protein 28; transcriptional intermediary factor 1-beta; transcription intermediary factor 1-beta; TIF1-beta; TIF1B; TF1B; RNF96; RING-type E3 ubiquitin transferase TIF1-beta; protein phosphatase 1; regulatory subunit 157; PPP1R157; nuclear corepressor KAP-1; KRIP-1; KRAB-associated protein 1; KAP1; E3 SUMO-protein ligase TRIM28; KRAB-interacting protein 1; Transcription intermediary factor 1-beta; tripartite motif containing 28; anti-KAP-1 antibody

PRODUCT SPECIFICATIONS

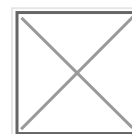
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-KAP-1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ICC (Immunocytochemistry)
Application Notes	WB: 1:2000-1:10,000 IP: 6ug/mg lysate IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. ICC: 1:200-1:1000 ICC-IF: 1:200-1:1000
Immunogen	Surrounding serine 824
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human phospho KAP-1 (S824) by western blot. Samples: Whole cell lysate (10 ug) from HEK293T cells treated with 100 uM etoposide (+) or mock treated (-). Antibody: Affinity purified rabbit anti-phospho KAP-1 (S824) antibody (AAA23773 lot 6) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-KAP1 antibody .



WB (Western Blot)

Detection of mouse phospho KAP-1 (S824) by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3 cells treated with 100 uM etoposide (+) or mock treated (-). Antibody: Affinity purified rabbit anti-phospho KAP-1 (S824) antibody (AAA23773 lot 6) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-KAP-1 antibody .



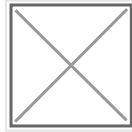
IP (Immunoprecipitation)

Detection of human phospho KAP-1 (S824) by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HEK293T cells treated with 100 uM etoposide (+) or mock treated (-). Antibodies: Affinity purified rabbit anti-phospho KAP-1 (S824) antibody (AAA23773 lot 6) and rabbit anti-KAP-1 recombinant monoclonal antibody used for IP at 6 ug per reaction. For blotting immunoprecipitated Phospho KAP-1 (S824), AAA23773 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second. Lower Panel: Rabbit anti-KAP1 antibody .



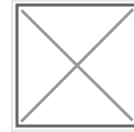
IHC (Immunohistochemistry)

Detection of human Phospho KAP-1 (S824) by immunohistochemistry. Samples: FFPE serial sections of prostate carcinoma with MOCK CIP treatment (left) and prostate carcinoma with CIP treatment (right). Antibody: Affinity purified rabbit anti-Phospho KAP-1 (S824) (Cat. No. AAA23773 lot 6) used at a dilution of 1:200 (1 ug/ml). Detection: DAB



ICC (Immunocytochemistry)

Detection of human Phospho KAP-1 (S824) by immunocytochemistry. Samples: NBF-fixed asynchronous HeLa cells grown in chambered microscope slides and treated with etoposide (left) or untreated (right). Antibody: Affinity purified rabbit anti-Phospho KAP-1 (S824) (Cat. No. AAA23773) used at a dilution of 1:200 (1ug/ml). Detection: Red fluorescent anti-rabbit IgG-DyLight 594 conjugated used at a dilution of 1:100.



ICC (Immunocytochemistry)

Detection of human Phospho KAP-1 (S824) by immunocytochemistry. Samples: FFPE serial sections of asynchronous etoposide treated HeLa cells with MOCK CIP treatment (left) and etoposide treated HeLa cells with CIP treatment (right). Antibody: Affinity purified rabbit anti-Phospho KAP-1 (S824) (Cat. No. AAA23773 lot 6) used at a dilution of 1:200 (1 ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-KAP-1 antibody	KAP-1 (KRAB-Associated Protein 1) is a member of the tripartite motif RBCC/Trim domain family that contains a RING finger domain, B boxes, and an alpha helical coiled coil region. KAP-1 functions as a corepressor by interacting with the KRAB domain of KRAB zinc-finger transcriptional repressors. KAP-1 also appears to function as a scaffold for chromatin-remodeling complexes involved in transcriptional repression.
Product Categories/Family for anti-KAP-1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	14971416
NCBI GeneID	10155
NCBI Accession #	NP_005753.1
NCBI GenBank Nucleotide #	NM_005762
UniProt Accession #	Q13263; O00677; Q7Z632; Q93040; Q96IM1
Molecular Weight	79,474 Da
NCBI Official Full Name	Homo sapiens tripartite motif containing 28 (TRIM28), mRNA
NCBI Official Synonym Full Names	tripartite motif containing 28
NCBI Official Symbol	TRIM28
NCBI Official Synonym Symbols	KAP1; TF1B; RNF96; TIF1B; PPP1R157
NCBI Protein Information	transcription intermediary factor 1-beta; E3 SUMO-protein ligase TRIM28; KAP-1; KRAB [Kruppel-associated box domain]-associated protein 1; KRAB-associated protein 1; KRAB-interacting protein 1; KRIP-1; RING finger protein 96; TIF1-beta; nuclear corepresso
UniProt Protein Name	Transcription intermediary factor 1-beta
UniProt Gene Name	TRIM28
UniProt Synonym Gene Names	KAP1; RNF96; TIF1B; TIF1-beta; KAP-1; KRIP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kap-1-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunocytochemistry-immunocytochemistry-elisa/23773>