

Rabbit anti-Human, Mouse TopBP1 Polyclonal Antibody | anti-TopBP1 antibody

Rabbit anti-TopBP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210768	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

TopBP1; Polyclonal Antibody; Rabbit anti-TopBP1 Antibody; Affinity Purified; topoisomerase (DNA) II binding protein 1; TOP2BP1; Dpb11; DNA topoisomerase II-binding protein 1; DNA topoisomerase 2-binding protein 1; DNA topoisomerase II-beta-binding protein 1; DNA topoisomerase II binding protein 1; anti-TopBP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TopBP1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1472 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



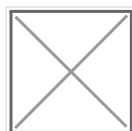
WB (Western Blot)

Detection of mouse TopBP1 by western blot. Samples: Whole cell lysate (25 ug) from NIH 3T3 and CT26 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TopBP1 antibody (AAA210768 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



WB (Western Blot)

Detection of human TopBP1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, K-562, and RKO cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TopBP1 antibody (AAA210768 lot 3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human TopBP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg per IP; 5% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-TopBP1 antibody (AAA210768 lot 3) used for IP at 6 ug per reaction. TopBP1 was also immunoprecipitated by a previous lot of this antibody (AAA210768 lot 2). For blotting immunoprecipitated TopBP1, AAA210768 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TopBP1 antibody	Topoisomerases regulate topological states of DNA. DNA topoisomerase II-binding protein 1 (TopBP1) is a protein that interacts with the C-terminal region of topoisomerase II beta (Topo II beta). TopBP1 function has been found to be important to various aspects of cellular growth control such as DNA replication, the DNA damage checkpoint, and cell survival. TopBP1 interacts with several proteins through its BRCA1 C-terminal (BRCT) motifs. TopBP1 interacts and inhibits E2F1 transcriptional activity through an Rb-independent mechanism that involves recruitment of the SWI/SNF chromatin-remodeling complex proteins Brg1 and Brm.
Product Categories/Family for anti-TopBP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	11073
UniProt Accession #	Q92547
UniProt Protein Name	DNA topoisomerase 2-binding protein 1
UniProt Gene Name	TOPBP1
UniProt Synonym Gene Names	KIAA0259; TopBP1
UniProt Entry Name	TOPB1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/topbp1-antibody-immunoprecipitation-western-blot-elisa/210768>