

Rabbit anti-Human TOPORS Polyclonal Antibody | anti-TOPORS antibody

Rabbit anti-TOPORS Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211793	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

TOPORS; Polyclonal Antibody; Rabbit anti-TOPORS Antibody; Affinity Purified; topoisomerase I binding; arginine/serine-rich; E3 ubiquitin protein ligase; E3 ubiquitin-protein ligase Topors; tumor suppressor p53-binding protein 3; TP53BPL; topoisomerase I-binding RING finger protein; Topoisomerase I-binding arginine/serine-rich protein; RP31; RING-type E3 ubiquitin transferase Topors; P53BP3; LUN; p53-binding protein 3; SUMO1-protein E3 ligase Topors; TOP1 binding arginine/serine rich protein; anti-TOPORS antibody

PRODUCT SPECIFICATIONS

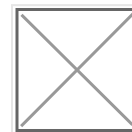
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-TOPORS antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 995 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 human TOPORS by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-TOPORS antibody AAA211793 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 10 ug/mg lysate. TOPORS was also immunoprecipitated by rabbit anti-TOPORS antibody BL5269, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 1 minute (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human TOPORS by immunohistochemistry. Sample: FFPE section of human testicular seminoma. Antibody: Affinity purified rabbit anti-TOPORS (Cat. No. AAA211793 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-TOPORS antibody	TOPORS (topoisomerase I-binding RS protein) was identified in a yeast two-hybrid screen for proteins that bind the N-terminus of topoisomerase I. TOPORS contains a RING-type zinc-finger domain and an RS-rich region. TOPORS has been found to possess both ubiquitin and SUMO-1 E3 ligase activity. It can ubiquitinate and sumoylate p53 and may possibly function as a tumor suppressor. Defects in TOPORS are the cause of retinitis pigmentosa type 31.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40805104
NCBI GeneID	10210
NCBI Accession #	NP_005793.2
NCBI GenBank Nucleotide #	NM_005802.4
UniProt Accession #	Q9NS56; O43273; Q6P987; Q9NS55; Q9UNR9
Molecular Weight	112,344 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase Topors isoform 1
NCBI Official Synonym Full Names	topoisomerase I binding, arginine/serine-rich, E3 ubiquitin protein ligase
NCBI Official Symbol	TOPORS
NCBI Official Synonym Symbols	LUN; RP31; P53BP3; TP53BPL
NCBI Protein Information	E3 ubiquitin-protein ligase Topors; SUMO1-protein E3 ligase Topors; tumor suppressor p53-binding protein 3; topoisomerase I-binding RING finger protein
UniProt Protein Name	E3 ubiquitin-protein ligase Topors
UniProt Gene Name	TOPORS
UniProt Synonym Gene Names	LUN; TP53BPL; p53-binding protein 3; p53BP3
UniProt Entry Name	TOPRS_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/topors-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211793>