

Rabbit anti-Human TOPBP1 Polyclonal Antibody | anti-TOPBP1 antibody

TOPBP1 Antibody

CATALOG # AAA118404	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

TOPBP1; Polyclonal Antibody; TOPBP1 Antibody; DNA topoisomerase II-beta-binding protein 1; TopBP1; DNA topoisomerase II-binding protein 1; anti-TOPBP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	1522
Applicable Applications for anti-TOPBP1 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human DNA topoisomerase 2-binding protein 1 protein (1253-1522aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-22858 / sc-22859 / sc-32923
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA118404 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA118404 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TOPBP1 antibody	Required for DNA replication. Plays a role in the rescue of stalled replication forks and checkpoint control. Binds double-stranded DNA breaks and nicks as well as single-stranded DNA. Recruits the SWI/SNF chromatin remodeling complex to E2F1-responsive promoters. Down-regulates E2F1 activity and inhibits E2F1-dependent apoptosis during G1/S transition and after DNA damage. Induces a large increase in the kinase activity of ATR.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194440660
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NCBI GeneID	11073
NCBI Accession #	NP_008958.2
NCBI GenBank Nucleotide #	NM_007027.3
UniProt Accession #	Q92547; Q7LGC1; Q9UEB9; B7Z7W8
Molecular Weight	170,679 Da
NCBI Official Full Name	DNA topoisomerase 2-binding protein 1
NCBI Official Synonym Full Names	topoisomerase (DNA) II binding protein 1
NCBI Official Symbol	TOPBP1
NCBI Official Synonym Symbols	TOP2BP1
NCBI Protein Information	DNA topoisomerase 2-binding protein 1
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-immunohistochemistry-elisa/118404>