

Rabbit anti-Human Tyrosyl-DNA phosphodiesterase 1 Polyclonal Antibody | anti-TDP1 antibody

Rabbit anti-human Tyrosyl-DNA phosphodiesterase 1 polyclonal Antibody(TDP1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119418	Rabbit	Human	Immunohistochemistry, ELISA

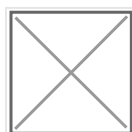
PRODUCT SYNONYMS

Tyrosyl-DNA phosphodiesterase 1; Polyclonal Antibody; Rabbit anti-human Tyrosyl-DNA phosphodiesterase 1 polyclonal Antibody(TDP1); Tyr-DNA phosphodiesterase 1; TDP1; anti-TDP1 antibody

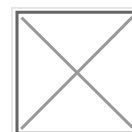
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	608
Applicable Applications for anti-TDP1 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Tyrosyl-DNA phosphodiesterase 1 protein (1-260aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26040 / sc-26038 / sc-32924
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 using AAA119418 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA119418 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TDP1 antibody

DNA repair enzyme that can remove a variety of covalent adducts from DNA through hydrolysis of a 3'-phosphodiester bond, giving rise to DNA with a free 3' phosphate. Catalyzes the hydrolysis of dead-end complexes between DNA and the topoisomerase I active site tyrosine residue. Hydrolyzes 3'-phosphoglycolates on protruding 3' ends on DNA double-strand breaks due to DNA damage by radiation and free radicals. Acts on blunt-ended double-strand DNA breaks and on single-stranded DNA. Has low 3'exonuclease activity and can remove a single nucleoside from the 3'end of DNA and RNA molecules with 3'hydroxyl groups. Has no exonuclease activity towards DNA or RNA with a 3'phosphate.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57242805
NCBI GeneID	55775
NCBI Accession #	NP_001008744.1
NCBI GenBank Nucleotide #	NM_001008744.1
UniProt Accession #	Q9NUW8; Q2HXX4; Q86TV8; Q96BK7; Q9NZM7; Q9NZM8
Molecular Weight	41,630 Da
NCBI Official Full Name	tyrosyl-DNA phosphodiesterase 1
NCBI Official Synonym Full Names	tyrosyl-DNA phosphodiesterase 1
NCBI Official Symbol	TDP1
NCBI Protein Information	tyrosyl-DNA phosphodiesterase 1
UniProt Protein Name	Tyrosyl-DNA phosphodiesterase 1
UniProt Gene Name	TDP1
UniProt Synonym Gene Names	Tyr-DNA phosphodiesterase 1
UniProt Entry Name	TYDP1_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/tyrosyl-dna-phosphodiesterase-1-antibody-immunohistochemistry-elisa/119418>