

Rabbit anti-Human TDP1 Polyclonal Antibody | anti-TDP1 antibody

Rabbit anti-TDP1 IHC Antibody, Affinity Purified

CATALOG # AAA213954	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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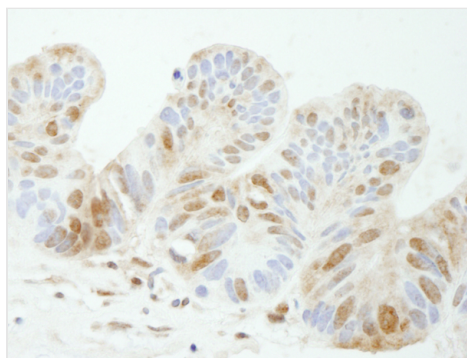
PRODUCT SYNONYMS

TDP1; Polyclonal Antibody; Rabbit anti-TDP1 IHC Antibody; Affinity Purified; tyrosyl-DNA phosphodiesterase 1; tyr-DNA phosphodiesterase 1; Tyrosyl-DNA phosphodiesterase 1; anti-TDP1 antibody

PRODUCT SPECIFICATIONS

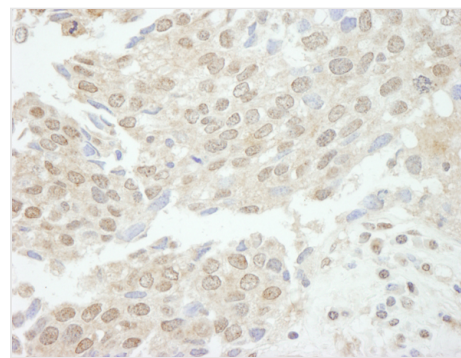
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-TDP1 antibody	IHC (Immunohistochemistry)
Predicted Reactivity	Orangutan, Gorilla, Chimpanzee
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human TDP1 by immunohistochemistry. Sample: FFPE section of human ovarian tumor. Antibody: Affinity purified rabbit anti-TDP1 (Cat. No. AAA213954) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human TDP1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-TDP1 (Cat. No. AAA213954) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-TDP1 antibody	Tyrosyl-DNA phosphodiesterase 1 (TDP1) is an enzyme that participates in the repair of DNA strand breaks associated with topoisomerase 1 (Top1) complexes. TDP1 catalyzes the removal of Top1 from DNA via the hydrolysis of the phosphodiester bond between the tyrosine residue of Top1 and the 3' phosphate of DNA. Removal of Top1 is then followed by DNA repair. TDP1 has been proposed to play more general roles in DNA damage repair independent of the Top1 complex. TDP1 has been shown to associate with DNA ligase IIIalpha, a component of the DNA single-stranded break repair (SSBR) machinery. It is also able to remove glycolate from 3'-phosphoglycolate termini of double-stranded breaks and a variety of other 3'- adducts. Defects in TDP1 are associated with spinocerebellar ataxia autosomal recessive with axonal neuropathy (SCAN1), a disease associated with peripheral axonal motor and sensory neuropathy and distal muscular atrophy.
Product Categories/Family for anti-TDP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127586
NCBI GeneID	55775
NCBI Accession #	NP_060789.2
NCBI GenBank Nucleotide #	NM_018319.3
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; tyr-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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tdp1-antibody-immunohistochemistry-elisa/213954>