



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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<b>Product Number</b>	ARP57199_P050-Biotin
<b>Product Page</b>	<a href="http://www.avivasysbio.com/tdp1-antibody-middle-region-biotin-arp57199-p050-biotin.html">www.avivasysbio.com/tdp1-antibody-middle-region-biotin-arp57199-p050-biotin.html</a>
<b>Name</b>	Tdp1 Antibody - middle region : Biotin (ARP57199_P050-Biotin)
<b>Protein Size (# AA)</b>	579 amino acids
<b>Molecular Weight</b>	64kDa
<b>Conjugation</b>	Biotin
<b>NCBI Gene Id</b>	104884
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Tyrosyl-DNA phosphodiesterase 1
<b>Alias Symbols</b>	SC, SCAN1, Gm40556, MLZ-501, AI838772, AW493413, 2810481F14Rik, 4921509N21Rik, E430034L06Rik
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">ETNVYLIGSTPGRFQGSHRDNWDGHEFLRKLQAHAPSTPKGECWPVIGQF</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Description of Target</b>	Tdp1 is a 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. It catalyzes the hydrolysis of dead-end complexes between DNA and the topoisomerase I active site tyrosine residue. It hydrolyzes 3'-phosphoglycolates on protruding 3' ends on DNA double-strand breaks due to DNA damage by radiation and free radicals. It acts on blunt-ended double-strand DNA breaks and on single-stranded DNA. It has low 3'exonuclease activity and can remove a single nucleoside from the 3'end of DNA and RNA molecules with 3'hydroxyl groups. It has no exonuclease activity towards DNA or RNA with a 3'phosphate.
<b>Reconstitution and Storage</b>	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-Tdp1 (ARP57199_P050-Biotin) antibody</a>
<b>Blocking Peptide</b>	For anti-Tdp1 (ARP57199_P050-Biotin) antibody is <a href="#">Catalog # AAP57199</a> (Previous Catalog # AAPP40906)
<b>Immunogen</b>	The immunogen is a synthetic peptide corresponding to a region of Mouse
<b>Protein Accession #</b>	<a href="#">NP_082630</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_028354</a>
<b>Gene Symbol</b>	<a href="#">Tdp1</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 92%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 100%

**Image 1**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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