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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

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Product Number	ARP57199_P050-HRP
Product Page	www.avivasysbio.com/tdp1-antibody-middle-region-hrp-arp57199-p050-hrp.html
Name	Tdp1 Antibody - middle region : HRP (ARP57199_P050-HRP)
Protein Size (# AA)	579 amino acids
Molecular Weight	64kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	104884
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Tyrosyl-DNA phosphodiesterase 1
Alias Symbols	SC, SCAN1, Gm40556, MLZ-501, AI838772, AW493413, 2810481F14Rik, 4921509N21Rik, E430034L06Rik
Peptide Sequence	Synthetic peptide located within the following region: ETNVYLIGSTPGRFQGSHRDNWGHFRLRKLQAHAPSTPKGECWPVIGQF
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	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.
Reconstitution and Storage	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.
Datasheets/Manuals	Printable datasheet for anti-Tdp1 (ARP57199_P050-HRP) antibody
Blocking Peptide	For anti-Tdp1 (ARP57199_P050-HRP) antibody is Catalog # AAP57199 (Previous Catalog # AAPP40906)
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Mouse
Protein Accession #	NP_082630
Purification	Affinity Purified
Nucleotide Accession #	NM_028354
Gene Symbol	Tdp1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	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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