

Datasheet: AHP3109

Description:	RABBIT ANTI MOUSE TDG
Specificity:	TDG
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/1500

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
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Product Form	Purified IgG - liquid
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Antiserum Preparation	Antiserum to mouse TDG was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on Protein A.
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Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	0.035% Sodium Azide (NaN ₃) 30% Glycerol
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Carrier Free	Yes
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Immunogen	A full-length recombinant protein corresponding to mouse TDG
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External Database Links	
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UniProt:

[P56581](#)

[Related reagents](#)

Entrez Gene:[21665](#) Tdg [Related reagents](#)

Specificity **Rabbit anti Mouse TDG antibody** recognizes G/T mismatch-specific thymine DNA glycosylase.

TDG is a member of the TDG/mug DNA glycosylase family and predominantly removes thymine residues from sites where G/T mismatches have occurred. TDG can also remove thymine from C/T and T/T mispairings and uracil and 5-bromouracil from mispairings with guanine ([Gallinari and Jiricny, 1996](#)). TDG may also play a role in 5-methylcytosine demethylation in mammalian cells ([Zhang et al. 2012](#)).

Storage This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP3109>
10049

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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