

Datasheet: AHP3109

BATCH NUMBER 160776

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

Product Form

Purified IgG - liquid

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.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.035% Sodium Azide (NaN₃)
30% Glycerol

Carrier Free

Yes

Immunogen

A full-length recombinant protein corresponding to mouse TDG

External Database Links

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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