

Datasheet: AHP3111

BATCH NUMBER 160773

Description:	RABBIT ANTI MOUSE TET1
Specificity:	TET1
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
Chromatin Immunoprecipitation	▪			4 µl per CHIP

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

Species Cross Reactivity

Reacts with: Human
N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antiserum to mouse TET1 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.035% Sodium Azide (NaN₃)
 30% Glycerol

Carrier Free	Yes
Immunogen	A peptide within the C-terminal region of mouse TET1
External Database Links	<p>UniProt: Q3URK3 Related reagents</p> <p>Entrez Gene: 52463 Tet1 Related reagents</p>
Synonyms	Cxxc6, Kiaa1676
Specificity	<p>Rabbit anti Mouse TET1 antibody recognizes ten-eleven translocation 1.</p> <p>TET1 is a member of the ten-eleven translocation (TET) methylcytosine dioxygenase family of enzymes. TET1 plays a role in regulation of gene expression through DNA demethylation (Coulter <i>et al.</i> 2013).</p>
Further Reading	1. Williams, K. <i>et al.</i> (2011) TET1 and hydroxymethylcytosine in transcription and DNA methylation fidelity. Nature. 473 (7347): 343-8.
Storage	<p>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.</p> <p>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.</p>
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/AHP3111 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

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