

Datasheet: AHP3080

BATCH NUMBER 160771

Description:	RABBIT ANTI MOUSE LSD2
Specificity:	LSD2
Other names:	Lysine-specific histone demethylase 1B
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 - 1/2000

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 LSD2 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
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Preservative	0.035% Sodium Azide (NaN ₃)
Stabilisers	30% Glycerol

Carrier Free	Yes
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Immunogen	A peptide within the N-terminal region of mouse LSD2
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External Database	UniProt:
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Links

[Q8CIG3](#) [Related reagents](#)

Entrez Gene:

[218214](#) Kdm1b [Related reagents](#)

Synonyms

Aof1, Lsd2

Specificity

Rabbit anti Mouse LSD2 antibody recognizes lysine (K)-specific demethylase 1B, also known as KDM1B.

LSD2 is a flavin-dependent histone demethylase enzyme. Flavin-dependent histone demethylase enzymes mediate histone lysine methylation, thereby regulating gene expression and chromatin function ([Karytinios et al. 2009](#)).

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:
10049: <https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf>

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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'M394903:220218'

Printed on 08 Feb 2023