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# anti-KDM1B antibody (AA 51-150) (Biotin)



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Quantity:	100 μL
Target:	KDM1B
Binding Specificity:	AA 51-150
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM1B antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LSD2 / AOF1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	KDM1B
Alternative Name:	LSD2 / AOF1 (KDM1B Products)

## Target Details

Background:	Synonyms: LSD2 / AOF1, KDM1B, amine oxidase (flavin containing) domain 1, amine oxidase,
	flavin containing 1, AOF1, bA204B7.3, C6orf193, dJ298J15.2, Flavin-containing amine oxidase
	domain-containing protein 1, FLJ33898, FLJ34109, FLJ43328, KDM1B, KDM1B_HUMAN, LSD2,
	lysine (K)-specific demethylase 1B, Lysine-specific demethylase 2, Lysine-specific histone
	demethylase 1B, Lysine-specific histone demethylase 2.
	Background: Histone demethylase that demethylates 'Lys-4' of histone H3, a specific tag for
	epigenetic transcriptional activation, thereby acting as a corepressor. Required for de novo DNA
	methylation of a subset of imprinted genes during oogenesis. Acts by oxidizing the substrate by
	FAD to generate the corresponding imine that is subsequently hydrolyzed. Demethylates both
	mono- and di-methylated 'Lys-4' of histone H3. Has no effect on tri-methylated 'Lys-4', mono-,
	di- or tri-methylated 'Lys-9', mono-, di- or tri-methylated 'Lys-27', mono-, di- or tri-methylated 'Lys-
	36' of histone H3, or on mono-, di- or tri-methylated 'Lys-20' of histone H4.
Gene ID:	221656
UniProt:	Q8NB78
Pathways:	Warburg Effect
Application Details	
Application Notes:	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	handled by trained staff only.  -20 °C

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Expiry Date:

12 months