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Datasheet for ABIN6989407 anti-KDM1B antibody (AA 51-150)



Overview

Quantity:	100 µL
Target:	KDM1B
Binding Specificity:	AA 51-150
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM1B antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin- embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LSD2 / AOF1
Isotype:	lgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	KDM1B

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Alternative Name:	LSD2 / AOF1 (KDM1B Products)
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:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

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Handling		
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	

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