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Datasheet for ABIN7158713

anti-KDM5C antibody (AA 45-324) (Biotin)

Overview

Quantity:	100 µg
Target:	KDM5C
Binding Specificity:	AA 45-324
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM5C antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Lysine-specific demethylase 5C protein (45-324AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KDM5C
Alternative Name:	KDM5C (KDM5C Products)
Background:	Background: Histone demethylase that specifically demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-9', H3

Target Details

'Lys-27', H3 'Lys-36', H3 'Lys-79' or H4 'Lys-20'. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-4'. Participates in transcriptional repression of neuronal genes by recruiting histone deacetylases and REST at neuron-restrictive silencer elements. Represses the CLOCK-ARNTL/BMAL1 heterodimer-mediated transcriptional activation of the core clock component PER2 (By similarity).

Aliases: DXS1272E antibody, Histone demethylase JARID1C antibody, JARID1C antibody, JmjC domain containing protein SMCX antibody, Jumonji AT rich interactive domain 1C antibody, Jumonji, AT rich interactive domain 1C (RBP2 like) antibody, Jumonji/ARID domain-containing protein 1C antibody, KDM5C antibody, KDM5C_HUMAN antibody, Lysine (K) specific demethylase 5C antibody, Lysine-specific demethylase 5C antibody, MRX13 antibody, MRXJ antibody, MRXSCJ antibody, MRXSJ antibody, Protein SmcX antibody, Protein Xe169 antibody, rbp2 like protein antibody, Selected cDNA on X antibody, SMCX antibody, Smcx homolog X chromosome antibody, SmcX protein antibody, Smcy homolog X linked antibody, XE169 antibody, Xe169 protein antibody

UniProt: [P41229](#)

Pathways: [Warburg Effect](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.