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Datasheet for ABIN6982863
anti-KDM4C antibody (AA 291-390) (Biotin)

Overview

Quantity:	100 µL
Target:	KDM4C
Binding Specificity:	AA 291-390
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM4C antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GASC1/KDM4C
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	KDM4C
Alternative Name:	GASC1/KDM4C (KDM4C Products)
Background:	Synonyms: GASC 1 protein, GASC1 antibody Gene amplified in squamous cell carcinoma 1

Target Details

protein, JHDM3C, JmjC domain containing histone demethylation protein 3C, Jumonji domain containing protein 2C, KDM4C_HUMAN.

Background: Histone demethylase that specifically demethylates 'Lys-9' and 'Lys-36' residues of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27' nor H4 'Lys-20'. Demethylates trimethylated H3 'Lys-9' and H3 'Lys-36' residue, while it has no activity on mono- and dimethylated residues. Demethylation of Lys residue generates formaldehyde and succinate.

Gene ID: 23081

UniProt: [Q9H3R0](#)

Pathways: [Nuclear Hormone Receptor Binding](#), [Warburg Effect](#)

Application Details

Application Notes: WB 1:300-5000

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: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months