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Datasheet for ABIN7452351
anti-KDM3A antibody (AA 1025-1075)

Overview

Quantity:	100 µg
Target:	KDM3A
Binding Specificity:	AA 1025-1075
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM3A antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-JMJD1A/JHDM2A Antibody, Affinity Purified
Immunogen:	between AA 1025 and 1075
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	KDM3A
Alternative Name:	JMJD1A/JHDM2A (KDM3A Products)
Background:	Background: JMJD1A/JHDM2A is a member of the jumonji (jmj) domain containing gene family of histone demethylases that plays a role in the regulation of chromatin dynamics and

Target Details

influences transcriptional activation and suppression. JMJD1A/JHDM2A specifically demethylates mono- and dimethyl-histone 3 lysine 9. Demethylation of histones by JMJD1A has been shown to facilitate transcriptional activation by the androgen receptor and promote transcription of smooth muscle cell differentiation marker.

Gene ID: 55818

NCBI Accession: [NP_060903](#)

UniProt: [Q9Y4C1](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Nuclear Hormone Receptor Binding](#), [Warburg Effect](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate

WB: Not recommended. Use rabbit anti-JMJD1A/JHDM2A antibody ABIN7451824.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months