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Datasheet for ABIN7451824  
**anti-KDM3A antibody (AA 1271-1321)**

### Overview

Quantity:	100 µg
Target:	KDM3A
Binding Specificity:	AA 1271-1321
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-JMJD1A/JHDM2A Antibody, Affinity Purified
Immunogen:	between AA 1271 and 1321
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	KDM3A
Alternative Name:	JMJD1A/JHDM2A ( <a href="#">KDM3A Products</a> )
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

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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

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Application Notes: IP: 2 - 5 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

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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