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Datasheet for ABIN7448617
anti-KDM4A antibody (AA 350-400)

Overview

Quantity:	25 µg
Target:	KDM4A
Binding Specificity:	AA 350-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM4A antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Rabbit anti-JMJD2A IHC Antibody, Affinity Purified
Immunogen:	Between AA 350 and 400
Isotype:	IgG
Predicted Reactivity:	Orangutan,Gorilla,Chimpanzee,White-tufted-ear marmoset,Crab-eating macaque
Purification:	Affinity Purified

Target Details

Target:	KDM4A
Alternative Name:	JMJD2A (KDM4A Products)
Background:	Background: JMJD2A is a member of the jumonji (jnj) domain containing gene family of

Target Details

histone demethylases that plays a role in chromatin regulation and influences transcriptional activation and suppression. Some recently characterized members of the jmj family include JARID1A/RBP2, JARID1C, JMJD1A, JMJD1B, JMJD1C, JMJD2A, JMJD2C and JMJD2D. JMJD2A is a trimethylation-specific demethylase and functions as a transcriptional repressor. JMJD2A interacts with pRb and class one histone deacetylases to mediate repression of E2F-regulated promoters.

Gene ID: 9682

NCBI Accession: [NP_055478](#)

UniProt: [O75164](#)

Pathways: [Warburg Effect](#)

Application Details

Application Notes: 1:100 - 1:500

Restrictions: For Research Use only

Handling

Concentration: 250 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 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