antibodies -online.com





Datasheet for ABIN7454377

anti-KDM4A antibody (AA 350-400)

Go to Product page

Overview

Quantity:	100 μg
Target:	KDM4A
Binding Specificity:	AA 350-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM4A antibody is un-conjugated
Application:	Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-JMJD2A Antibody, Affinity Purified
Immunogen:	between AA 350 and 400
Isotype:	IgG
Predicted Reactivity:	Orangutan
Purification:	Affinity Purified

Target Details

Target:	KDM4A
Alternative Name:	JMJD2A (KDM4A Products)

Target Details

rarget betails	
Background:	Background: JMJD2A is a member of the jumonji (jmj) domain containing gene family of 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:	075164
Pathways:	Warburg Effect
Application Details	
Application Notes:	IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 5 µg/mg lysate WB: Not recommended. Use rabbit anti-JMJD2A antibody A300-861A.
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