Datasheet for ABIN650862

anti-KDM4A antibody (pTyr547)

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1 Image

Overview

Quantity:	400 µL
Target:	KDM4A
Binding Specificity:	pTyr547
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KDM4A antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	This JMJD2A Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y547 of human JMJD2A.
Clone:	RB26167
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KDM4A
Alternative Name:	JMJD2A (KDM4A Products)
Background:	JMJD2A is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein

Target Details

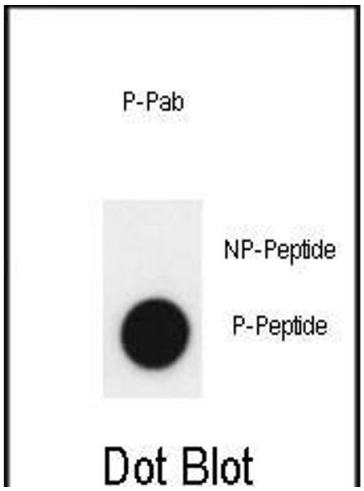
	containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor.
Molecular Weight:	120662
Gene ID:	9682
NCBI Accession:	NP_055478
UniProt:	O75164
Pathways:	Warburg Effect

Application Details

Application Notes:	DB: 1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Dot Blot

Image 1. Dot blot analysis of anti-Phospho-JMJD2A-Phospho-specific Pab (ABIN650862 and ABIN2839813) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5 µg per ml.