



Rabbit Anti-Human JMJD2A monoclonal antibody, clone 7I67M4 (CABT-L1439)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Cat, and Horse.
Target	KDM4A
Immunogen	Protein corresponding to human (aa379-aa628)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	7I67M4
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ChIP, ICC, IF
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction

KDM4A (Lysine-specific demethylase 4A) is a member of the Jumonji domain 2 family and encodes a protein 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. It also functions as a transcriptional repressor.

Keywords

KDM4A;lysine (K)-specific demethylase 4A;JMJD2;JHDM3A;JMJD2A;TDRD14A;lysine-specific demethylase 4A;jumonji domain containing 2;tudor domain containing 14A;jumonji domain containing 2A

GENE INFORMATION

Entrez Gene ID

[9682](#)

UniProt ID

[O75164](#)