



# 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

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