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**Product Name: KDM4A Rabbit Monoclonal Antibody****Catalog #: AMRe87715**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:100-1:200,IP 1:50-1:100
<b>Molecular Weight</b>	Calculated MW:121 kDa; Observed MW:150 kDa

**Antigen Information**

<b>Gene Name</b>	KDM4A
<b>Alternative Names</b>	JMJD2; JHDM3A; JMJD2A; TDRD14A
<b>Gene ID</b>	9682
<b>SwissProt ID</b>	O75164
<b>Immunogen</b>	A synthetic peptide of human KDM4A/JHDM3A/JMJD2A

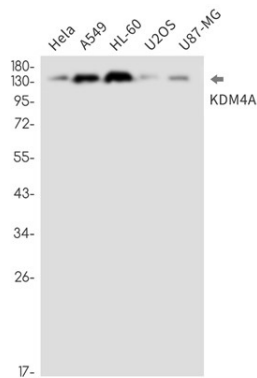
**Background**

This gene is a member of the Jumonji domain 2 (JMJD2) 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

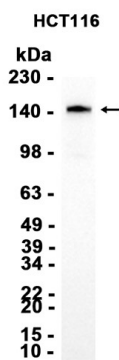
trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor. [provided by RefSeq, Apr 2009]

## Research Area

## Image Data



Western blot detection of KDM4A in HeLa, A549, HL-60, U2OS, U87-MG cell lysates using KDM4A antibody (1:1000 diluted).



Western blot analysis of extracts from HCT116 cells using AMRe87715 at 1:2000.