
Product Name: KDM4B Rabbit Monoclonal Antibody**Catalog #: AMRe85733**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
Molecular Weight	Calculated MW: 122 kDa; Observed MW: 150 kDa

Antigen Information

Gene Name	KDM4B
Alternative Names	KDM4B; JHDM3B; JMJD2B; KIAA0876; Lysine-specific demethylase 4B; JmjC domain-containing histone demethylation protein 3B; Jumonji domain-containing protein 2B
Gene ID	23030.0
SwissProt ID	O94953
Immunogen	A synthetic peptide of human KDM4B/JMJD2B

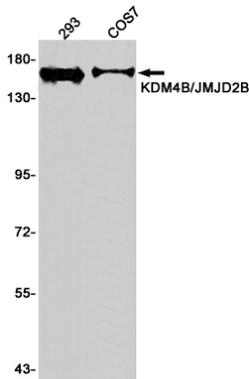
Background

Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Only able to demethylate trimethylated H3 'Lys-9', with

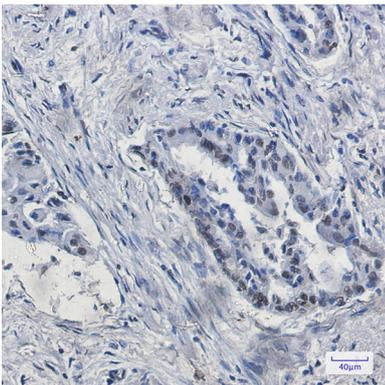
a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate.

Research Area

Image Data



Western blot analysis of KDM4B in 293, COS7 lysates using KDM4B antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using KDM4B/JMJD2B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.