

KDM4A Rabbit Polyclonal Antibody

Catalog No: #55389

Package Size: #55389-1 50ul #55389-2 100ul

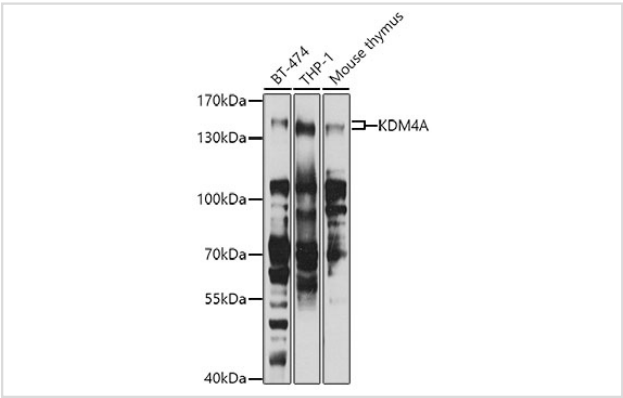
Description

Product Name	KDM4A Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant fusion protein of human KDM4A (NP_055478.2).
Conjugates	Unconjugated
Other Names	KDM4A;JHDM3A;JMJD2;JMJD2A;TDRD14A
Accession No.	Swiss Prot:O75164GeneID:9682
Calculated MW	54kDa/120kDa
SDS-PAGE MW	150kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

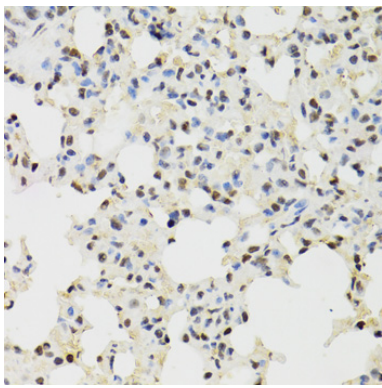
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IP□1:50 - 1:100

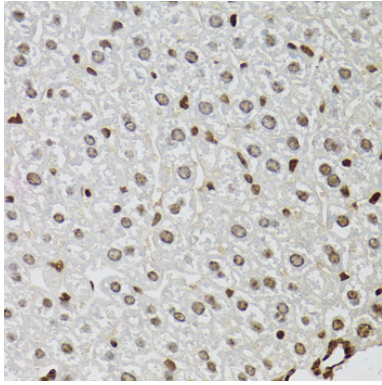
Images



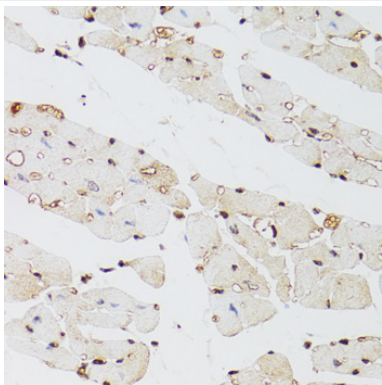
Western blot analysis of extracts of various cell lines, using KDM4A at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded mouse lung using KDM4A at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using KDM4A at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using KDM4A at dilution of 1:100 (40x lens).

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.