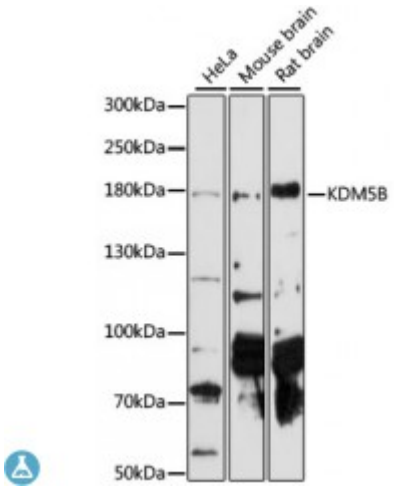
Anti-KDM5B Antibody



Description	This gene encodes a lysine-specific histone demethylase that belongs to the jumonji/ARID domain-containing family of histone demethylases. The encoded protein is capable of demethylating tri-, di- and monomethylated lysine 4 of histone H3. This protein plays a role in the transcriptional repression or certain tumor suppressor genes and is upregulated in certain cancer cells. This protein may also play a role in genome stability and DNA repair. Alternate splicing results in multiple transcript variants.

Model	STJ116039
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant protein of human KDM5B
Gene ID	10765
Gene Symbol	KDM5B
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Ubiquitously expressed, with highest levels in testis, Down-regulated in melanoma and glioblastoma, Up-regulated in breast cancer (at protein level)
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Lysine-specific demethylase 5B
Molecular Weight	175.658 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:18039OMIM:605393Reactome:R-HSA-3214842
Alternative Names	Lysine-specific demethylase 5B
Function	Histone demethylase that demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code ,
Cellular Localization	Nucleus