



Anti-KDM4B polyclonal antibody (DPAB-DC823)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	KDM4B (lysine (K)-specific demethylase 4B) is a protein-coding gene. Diseases associated with KDM4B include malignant spindle cell melanoma, and retinoblastoma. GO annotations related to this gene include oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen and zinc ion binding. An important paralog of this gene is KDM4D.
Specificity	Specific to recombinant protein GX2472. This antibody detects mJMJD2B protein.
Immunogen	Recombinant GST fusion protein corresponding to 156 amino acids of mouse Kdm4b.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	50 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Kdm4b lysine (K)-specific demethylase 4B [<i>Mus musculus</i> (house mouse)]
Official Symbol	KDM4B
Synonyms	KDM4B; lysine (K)-specific demethylase 4B; Jmjd2b; mKIAA0876; 4732474L06Rik; lysine-specific demethylase 4B; jumonji domain containing 2B; jumonji domain-containing protein 2B; jmjC domain-containing histone demethylation protein 3B;
Entrez Gene ID	193796
Protein Refseq	NP_742144
UniProt ID	Q91VY5
Chromosome Location	17 D; 17
Function	2,4-dichlorophenoxyacetate alpha-ketoglutarate dioxygenase activity; C-19 gibberellin 2-beta-dioxygenase activity; C-20 gibberellin 2-beta-dioxygenase activity; DNA-N1-methyladenine dioxygenase activity