



# KDM5D Polyclonal Antibody

<b>Catalog No</b>	BYab-06641
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	KDM5D HY HYA JARID1D KIAA0234 SMCY
<b>Protein Name</b>	Lysine-specific demethylase 5D (EC 1.14.11.-) (Histocompatibility Y antigen) (H-Y) (Histone demethylase JARID1D) (Jumonji/ARID domain-containing protein 1D) (Protein SmcY)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	KDM5D Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	169kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Expression is highly down-regulated in metastatic prostate tumors.
<b>Function</b>	alternative products:Additional isoforms seem to exist,cofactor:Ascorbate.,cofactor:Fe(2+).,domain:The JmjC domain is required for enzymatic activity.,function:Histone demethylase that specifically demethylates 'Lys-4' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-9', H3 'Lys-27', H3 'Lys-36', H3 'Lys-79' or H4 'Lys-20'. Demethylates trimethylated and dimethylated but not monomethylated H3 'Lys-4'. May play a role in spermatogenesis.,similarity:Belongs to the JARID1 histone demethylase family.,similarity:Contains 1 ARID domain.,similarity:Contains 1 JmjC domain.,similarity:Contains 1 JmjN domain.,similarity:Contains 2 PHD-type zinc fingers.,subunit:Interacts with PCGF6.,

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**Background**

This gene encodes a protein containing zinc finger domains. A short peptide derived from this protein is a minor histocompatibility antigen which can lead to graft rejection of male donor cells in a female recipient. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**