

## KDM4D Polyclonal Antibody

<b>Catalog No :</b>	YN1642
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	KDM4D
<b>Gene Name :</b>	KDM4D JHDM3D JMJD2D
<b>Protein Name :</b>	Lysine-specific demethylase 4D (EC 1.14.11.-) (JmjC domain-containing histone demethylation protein 3D) (Jumonji domain-containing protein 2D)
<b>Human Gene Id :</b>	55693
<b>Human Swiss Prot No :</b>	Q6B0I6
<b>Mouse Swiss Prot No :</b>	Q3U2K5
<b>Rat Swiss Prot No :</b>	A1A5Q5
<b>Immunogen :</b>	Synthesized peptide derived from human protein . at AA range: 400-480
<b>Specificity :</b>	KDM4D 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>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

<b>Observed Band :</b>	57kD
<b>Background :</b>	caution:It is uncertain whether Met-1 or Met-4 is the initiator.,cofactor:Binds 1 Fe(2+) ion per subunit.,function:Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Demethylates both di- and trimethylated H3 'Lys-9' residue, while it has no activity on monomethylated residues. Demethylation of Lys residue generates formaldehyde and succinate.,similarity:Belongs to the JHDM3 histone demethylase family.,similarity:Contains 1 JmjC domain.,similarity:Contains 1 JmjN domain.,
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<b>Subcellular Location :</b>	Nucleus .
<b>Expression :</b>	Brain,Embryo,Teratocarcinoma,Testis,
<b>Sort :</b>	19751
<b>No4 :</b>	1

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