

# KDM4D rabbit pAb

Cat No.:ES10588

For research use only

## Overview

Product Name	KDM4D rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 400-480
Specificity	KDM4D Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃ . Avoid repeated freeze-thaw cycles.
Protein Name	Lysine-specific demethylase 4D (EC 1.14.11.-) (JmjC domain-containing histone demethylation protein 3D) (Jumonji domain-containing protein 2D)
Gene Name	KDM4D JHDM3D JMJD2D
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	57kD
Human Gene ID	55693
Human Swiss-Prot Number	Q6B0I6
Alternative Names	
Background	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





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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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