



# KDM3B rabbit pAb

Cat No.:ES10593

For research use only

## Overview

<b>Product Name</b>	KDM3B rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 230-310
<b>Specificity</b>	KDM3B Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Lysine-specific demethylase 3B (EC 1.14.11.-) (JmjC domain-containing histone demethylation protein 2B) (Jumonji domain-containing protein 1B) (Nuclear protein 5qNCA)
<b>Gene Name</b>	KDM3B C5orf7 JHDM2B JMJD1B KIAA1082
<b>Cellular localization</b>	Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	193kD
<b>Human Gene ID</b>	51780
<b>Human Swiss-Prot Number</b>	Q7LBC6
<b>Alternative Names</b>	
<b>Background</b>	cofactor: Binds 1 Fe(2+) ion per subunit., domain: Leu-Xaa-Xaa-Leu-Leu (LXXLL) motifs are known to mediate the association with nuclear receptors., function: Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code.





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Demethylation of Lys residue generates formaldehyde and succinate. May have tumor suppressor activity.,miscellaneous:Its gene is located in the 5q region of the genome which is deleted in del(5q) interstitial deletion, a frequent deletion found in myeloid leukemias and myelodysplasias, suggesting that it may be a good candidate for the del(5q) tumor suppressor gene.,similarity:Belongs to the JHDM2 histone demethylase family.,similarity:Contains 1 JmjC domain.,tissue specificity:Ubiquitous. Highly expressed in placenta, skeletal muscle, kidney, heart and liver.,



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