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KDM4E Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15860

Product Information

Application	WB
Primary Accession	B2RXH2
Other Accession	NM_001161630, NP_001155102
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56804

Additional Information

Gene ID	390245
Alias Symbol	JMJD2E, KDM4DL
Other Names	Lysine-specific demethylase 4E, 1.14.11.-, KDM4D-like protein, Lysine-specific demethylase 4D-like, KDM4E, KDM4DL
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-KDM4E antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	KDM4E Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KDM4E (HGNC:37098)
Function	Histone demethylase that demethylates trimethylated 'Lys-9' of histone H3 into monomethylated form, thereby playing a central role in histone code (PubMed:21914792, PubMed:23451023). Also demethylates trimethylated 'Lys-56' of histone H3 (H3K9me3) to generate the monomethylated state (H3K56me1) (PubMed:23451023).
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00537}.

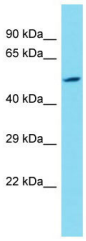
Background

Histone demethylase that specifically demethylates 'Lys- 9' of histone H3, thereby playing a central role in histone code.

References

Taylor T.D.,et al.Nature 440:497-500(2006).
Hillringhaus L.,et al.J. Biol. Chem. 286:41616-41625(2011).

Images



Host: Rabbit
Target Name: KDM4E
Sample Tissue: 721_B Whole cell lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.