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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
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Product Number	ARP58398_P050-Biotin
Product Page	www.avivasysbio.com/jmjd2b-antibody-middle-region-biotin-arp58398-p050-biotin.html
Name	JMJD2B Antibody - middle region : Biotin (ARP58398_P050-Biotin)
Protein Size (# AA)	1096 amino acids
Molecular Weight	122kDa
Conjugation	Biotin
NCBI Gene Id	23030
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Lysine (K)-specific demethylase 4B
Alias Symbols	JMJD2B, TDRD14B
Peptide Sequence	Synthetic peptide located within the following region: CAICTLFYPYCOALQTEKEAPIASLGEGCPATLPSKSRQKTRPLIPEMCF
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Katoh, Y. (2007) Int. J. Mol. Med. 20 (2), 269-273
Description of Target	JMJD2 family proteins are classified into one group with JD2H and TUDOR domains and another group without JD2H or TUDOR domains. Because JMJD2C gene (also known as GASC1 gene) is amplified in esophageal squamous cell carcinoma (ESCC), JMJD2 family genes are cancer-associated genes. Human genes corresponding to KIAA0677, KIAA0876, KIAA0780 and FLJ10251 cDNAs were designated JMJD2A, JMJD2B, JMJD2C, and JMJD2D, respectively. In addition, JMJD2D homologous genes within human genome sequences AP002383.3 and AP001264.4 were designated JMJD2E and JMJD2F, respectively. C2HC2HC2- and C5HC2-type Cys (His) clusters were identified as the region conserved among JMJD2A (1064 aa), JMJD2B (1096 aa), and JMJD2C (1056 aa) proteins. JMJD2A, JMJD2B and JMJD2C consist of JmjN, JmjC, JD2H, and two TUDOR domains.
Protein Interactions	UBC; H3F3C; HSP90B1; HSP90AA2P; SMU1; KMT2C; WDR5; ASH2L; KMT2D; RBBP5; HSPA4; HNRNPU; ESR1; MED10;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-KDM4B (ARP58398_P050-Biotin) antibody
Blocking Peptide	For anti-KDM4B (ARP58398_P050-Biotin) antibody is Catalog # AAP58398 (Previous Catalog # AAPP33407)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human JMJD2B
Uniprot ID	O94953
Protein Name	Lysine-specific demethylase 4B
Protein Accession #	NP_055830
Purification	Affinity Purified
Nucleotide Accession #	NM_015015
Gene Symbol	KDM4B
Predicted Species Reactivity	Human, Dog, Horse, Pig
Application	WB

Predicted Homology Based on Immunogen Sequence	Dog: 92%; Horse: 92%; Human: 100%; Pig: 92%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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