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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|------------------------------|--|
| Product Number | ARP58398_P050-FITC |
| Product Page | www.avivasysbio.com/jmjd2b-antibody-middle-region-fitc-arp58398-p050-fitc.html |
| Name | JMJD2B Antibody - middle region : FITC (ARP58398_P050-FITC) |
| Protein Size (# AA) | 1096 amino acids |
| Molecular Weight | 122kDa |
| Conjugation | FITC: Fluorescein Isothiocyanate |
| 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-FITC) antibody |
| Blocking Peptide | For anti-KDM4B (ARP58398_P050-FITC) 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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