



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58207_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/jnjid2b-antibody-middle-region-hrp-arp58207-p050-hrp.html">www.avivasysbio.com/jnjid2b-antibody-middle-region-hrp-arp58207-p050-hrp.html</a>
Name	JMJD2B Antibody - middle region : HRP (ARP58207_P050-HRP)
Protein Size (# AA)	1096 amino acids
Molecular Weight	122kDa
Conjugation	HRP: Horseradish Peroxidase
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: <a href="#">SASRASLKAKLLRRSHRKRKRSQPKKPKPEDPKFPGEGTAGAALLEEAGGSV</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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 JnjN, JnjC, 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 <a href="#">anti-KDM4B (ARP58207_P050-HRP) antibody</a>
Blocking Peptide	For anti-KDM4B (ARP58207_P050-HRP) antibody is <a href="#">Catalog # AAP58207</a> (Previous Catalog # AAPP32806)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human JMJD2B
Uniprot ID	<a href="#">O94953</a>
Protein Name	Lysine-specific demethylase 4B
Protein Accession #	<a href="#">NP_055830</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_015015</a>
Gene Symbol	<a href="#">KDM4B</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 92%; Dog: 93%; Guinea Pig: 83%; Horse: 93%; Human: 100%; Mouse: 82%; Pig: 93%; Rat: 100%
<b>Image 1</b>	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

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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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