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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HMGB2 Antibody - middle region : Biotin (ARP58157_P050-Biotin)

Data Sheet

Product Number	ARP58157_P050-Biotin
Product Page	www.avivasysbio.com/hmgb2-antibody-middle-region-biotin-arp58157-p050-biotin.html
Name	HMGB2 Antibody - middle region : Biotin (ARP58157_P050-Biotin)
Protein Size (# AA)	209 amino acids
Molecular Weight	24kDa
Conjugation	Biotin
NCBI Gene Id	3148
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	High mobility group box 2
Alias Symbols	HMG2
Peptide Sequence	Synthetic peptide located within the following region: DREMKNYVPPKGDKKGKKKDPNAPKRPPSAFFLFCSEHRPKIKSEHPGLS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	McCauley,M.J., (2007) J. Mol. Biol. 374 (4), 993-1004
Description of Target	HMGB2 is a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. HMGB2 was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination.This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	PKNOX1; UBC; EED; YWHAG; PGD; LDHB; CKB; HMGA1; GZMK; GZMA; CSNK1A1; FN1; SCAF8; APP; TFAP4; CDK2; BKRF1; Cebpb; ELAVL1; HMGB1; CHAF1A; CREBBP; SET; PGR; POU3F1; PRKDC; TP53; RAG1; POU5F1; POU2F2; POU2F1; APEX1; AR; NR3C1;
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-HMGB2 (ARP58157_P050-Biotin) antibody
Blocking Peptide	For anti-HMGB2 (ARP58157_P050-Biotin) antibody is Catalog # AAP58157 (Previous Catalog # AAPP32590)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HMGB2
Uniprot ID	P26583
Protein Name	High mobility group protein B2
Sample Type Confirmation	HMGB2 is supported by BioGPS gene expression data to be expressed in Jurkat
Protein Accession #	NP_002120

Purification	Affinity Purified
Nucleotide Accession #	NM_002129
Gene Symbol	HMGB2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 87%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 80%
Image 1	

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

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

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