

## Datasheet: AHP3076

**BATCH NUMBER 160782**

<b>Description:</b>	RABBIT ANTI HUMAN HMGN2
<b>Specificity:</b>	HMGN2
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

### Product Details

#### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to human HMGN2 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.035% Sodium Azide (NaN <sub>3</sub> ) 30% Glycerol
<b>Carrier Free</b>	Yes
<b>Immunogen</b>	A peptide within the N-terminal region of human HMGN2

#### External Database Links

##### UniProt:

[P05204](https://www.uniprot.org/uniprot/P05204)

[Related reagents](#)

**Entrez Gene:**[3151](#) HMGN2 [Related reagents](#)**Synonyms**

HMG17

**Specificity**

**Rabbit anti Human HMGN2 antibody** recognizes high mobility group nucleosome-binding domain-containing protein 2, also known as non-histone chromosomal protein HMG-17.

HMGN2 is a 9 kDa member of the HMG class of chromosomal proteins, the most abundant non-histones present in the nuclei of eukaryotic cells ([Hock et al. 2007](#)). Chromatin regions with high levels of HMGN2 are enriched in transcriptionally active genes and in acetylated histones. HMGN2 associates with actively transcribed genes. HMGN2 also binds to the inner side of the nucleosomal DNA, thereby regulating the interaction between the DNA and the nucleosome. HMGN2 may also play a role in maintaining transcribable genes in a unique chromatin conformation ([Garza-Manero et al. 2019](#)).

**Storage**

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**

12 months from date of despatch

**Health And Safety Information**

Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP3076>  
10049

**Regulatory**

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)Sheep Anti Rabbit IgG (STAR35...) [RPE](#)Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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