

Datasheet: AHP1694

Description:	RABBIT ANTI DRAM (C-TERMINAL)
Specificity:	DRAM (C-Terminal)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin (1)	▪			2.5ug/ml
Western Blotting	▪			0.5 - 1.0ug/ml

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.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antisera to human DRAM were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared from whole serum by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative

0.02% Sodium Azide (NaN₃)

Stabilisers

Approx. Protein Concentrations IgG concentration 1.0mg/ml

Immunogen A peptide corresponding to a 16 amino acid sequence from near the carboxy terminus of Human DRAM.

External Database Links

UniProt:
[Q8N682](#) [Related reagents](#)

Entrez Gene:
[55332](#) DRAM1 [Related reagents](#)

Synonyms DRAM

RRID AB_10672543

Specificity **Rabbit anti DRAM (C-terminal) antibody** recognizes human DRAM, a lysosomal modulator of autophagy that plays a central role in p53/TP53-mediated apoptosis.

DRAM is significantly down-regulated in tumor cell lines by methylation-dependent transcriptional silencing.

Western Blotting AHP1694 detects bands of approximately 16 and 31kDa in 293 cell lysate

Further Reading

1. Crighton D, et al. (2007) DRAM links autophagy to p53 and programmed cell death. [Autophagy 3:72-4](#)
2. Crighton D, et al (2006) DRAM, a p53-induced modulator of autophagy, is critical for apoptosis. [Cell 126:121-34.](#)
3. Gozuacik D., et al (2004) Autophagy as a cell death and tumor suppressor mechanism. [. Oncogene 23:2891-906](#)

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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR54...) [HRP](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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

'M381738:210512'

Printed on 21 Mar 2022

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