

## Datasheet: AHP1694

<b>Description:</b>	RABBIT ANTI DRAM (C-TERMINAL)
<b>Specificity:</b>	DRAM (C-Terminal)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.**

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse, Rat <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to human DRAM were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	A peptide corresponding to a 16 amino acid sequence from near the carboxy terminus of Human DRAM.
<b>External Database</b>	<b>UniProt:</b>

**Links**[Q8N682](#) [Related reagents](#)**Entrez Gene:**[55332](#) DRAM1 [Related reagents](#)**Synonyms**

DRAM

**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**

Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Shelf Life**

18 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 \(BUF025A\)](#)[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)**North & South America**

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