

**DRAM Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP1825a**

**Specification**

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**DRAM Antibody (N-term) - Product Information**

Application	<b>WB, IHC-P,E</b>
Primary Accession	<a href="#">O8N682</a>
Other Accession	<a href="#">O9DC58</a>
Reactivity	<b>Human</b>
Predicted	<b>Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Antigen Region	<b>27-56</b>

**DRAM Antibody (N-term) - Additional Information**

**Gene ID** 55332

**Other Names**

DNA damage-regulated autophagy modulator protein 1, Damage-regulated autophagy modulator, DRAM1, DRAM

**Target/Specificity**

This DRAM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-56 amino acids from the N-terminal region of human DRAM.

**Dilution**

WB~~1:1000  
IHC-P~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DRAM Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**DRAM Antibody (N-term) - Protein Information**

**Name** DRAM1

## Synonyms DRAM

**Function** Lysosomal modulator of autophagy that plays a central role in p53/TP53-mediated apoptosis. Not involved in p73/TP73-mediated autophagy.

## Cellular Location

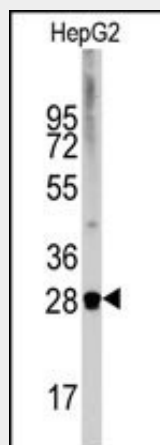
Lysosome membrane; Multi-pass membrane protein

## DRAM Antibody (N-term) - Protocols

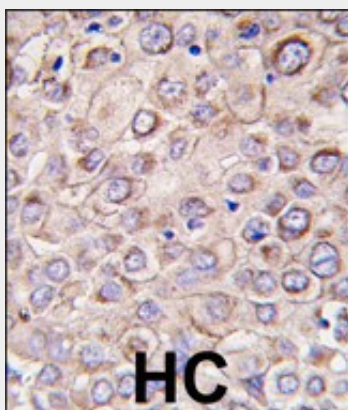
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## DRAM Antibody (N-term) - Images



Western blot analysis of anti-DRAM Antibody (N-term) (Cat.#AP1825a) in HepG2 cell line lysates (35ug/lane). DRAM (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with \*DRAM

antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

#### **DRAM Antibody (N-term) - Background**

This gene is regulated as part of the p53 tumor suppressor pathway. The gene encodes a lysosomal membrane protein that is required for the induction of autophagy by the pathway. Decreased transcriptional expression of this gene is associated with various tumors. This gene has a pseudogene on chromosome 4.

#### **DRAM Antibody (N-term) - References**

Kerley-Hamilton, J.S., *Biochim. Biophys. Acta* 1769 (4), 209-219 (2007) Crighton, D., *Autophagy* 3 (1), 72-74 (2007) Crighton, D., *Cell* 126 (1), 121-134 (2006) Green, D.R., *Cell* 126 (1), 30-32 (2006)

#### **DRAM Antibody (N-term) - Citations**

- [Dual programmed cell death pathways induced by p53 transactivation overcome resistance to oncolytic adenovirus in human osteosarcoma cells.](#)