

# DRAM Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP1825a

## Product Information

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<b>Application</b>	IHC-P, WB, E
<b>Primary Accession</b>	<a href="#">Q8N682</a>
<b>Other Accession</b>	<a href="#">Q9DC58</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB12475
<b>Antigen Region</b>	27-56

## Additional Information

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<b>Other Names</b>	DNA damage-regulated autophagy modulator protein 1, Damage-regulated autophagy modulator, DRAM1, DRAM
<b>Target/Specificity</b>	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.
<b>Dilution</b>	IHC-P~1:100~500 WB~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	DRAM Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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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.

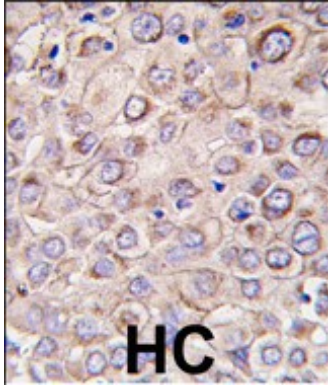
## References

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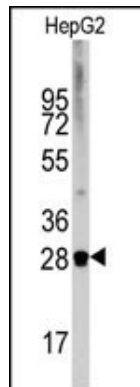
Kerley-Hamilton, J.S., *Biochim. Biophys. Acta* 1769 (4), 209-219 (2007) Crichton, D., *Autophagy* 3 (1), 72-74 (2007) Crichton, D., *Cell* 126 (1), 121-134 (2006) Green, D.R., *Cell* 126 (1), 30-32 (2006)

## Images

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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.



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.

## Citations

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.