

# DRAM Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP1825c

## Product Information

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<b>Application</b>	IHC-P, E
<b>Primary Accession</b>	<a href="#">Q8N682</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB12480
<b>Calculated MW</b>	26253
<b>Antigen Region</b>	176-206

## Additional Information

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<b>Gene ID</b>	55332
<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 176~206 amino acids from the C-terminal region of human DRAM.
<b>Dilution</b>	IHC-P~~1:100~500 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 (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	DRAM1
<b>Synonyms</b>	DRAM
<b>Function</b>	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

**Background**

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DRAM is regulated as part of the p53 tumor suppressor pathway. It is a lysosomal membrane protein that is required for the induction of autophagy by the pathway. Decreased transcriptional expression of this protein is associated with various tumors.

**References**

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Kerley-Hamilton,J.S., Biochim. Biophys. Acta 1769 (4), 209-219 (2007)

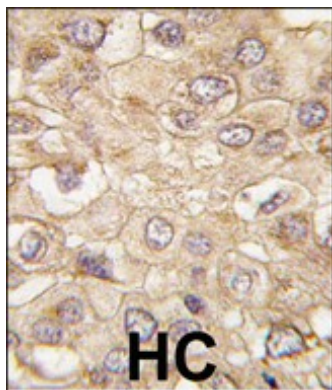
Crighton,D., Autophagy 3 (1), 72-74 (2007)

Crighton,D., Cell 126 (1), 121-134 (2006)

Green,D.R., Cell 126 (1), 30-32 (2006)

**Images**

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Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with DRAM Antibody (C-term) (Cat.#AP1825c), 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.

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