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DRAM Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1825c

Product Information

Application	IHC-P, E
Primary Accession	Q8N682
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB12480
Calculated MW	26253
Antigen Region	176-206

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 176~206 amino acids from the C-terminal region of human DRAM.
Dilution	IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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 (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

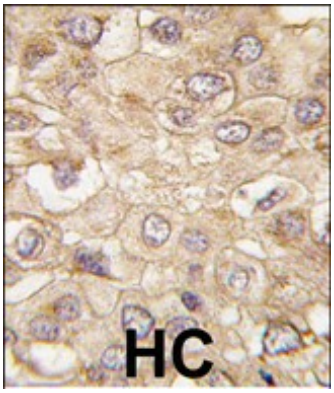
Background

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

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



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'.