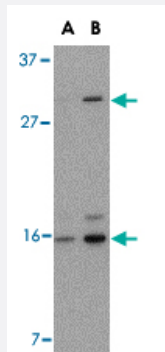


# DRAM polyclonal antibody

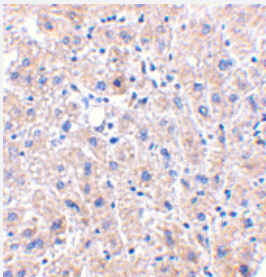
Catalog # PAB13245      Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of DRAM in 293 cell lysate with DRAM polyclonal antibody (Cat # PAB13245) at (A) 0.5 and (B) 1 ug/mL .



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of DRAM in human liver tissue with DRAM polyclonal antibody (Cat # PAB13245) at 2.5 ug/mL .

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of DRAM.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus 16 amino acids of human DRAM.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Recommend Usage</b>	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of DRAM in 293 cell lysate with DRAM polyclonal antibody (Cat # PAB13245) at (A) 0.5 and (B) 1 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of DRAM in human liver tissue with DRAM polyclonal antibody (Cat # PAB13245) at 2.5 ug/mL .

## Gene Info — DRAM

Entrez GeneID	<a href="#">55332</a>
Protein Accession#	<a href="#">AAH18435</a>
Gene Name	DRAM
Gene Alias	FLJ11259
Gene Description	damage-regulated autophagy modulator
Omim ID	<a href="#">610776</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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 pseudo gene on chromosome 4. [provided by RefSeq]
Other Designations	-

## Publication Reference

- [TW01001, a novel piperazinedione compound, induces mitotic arrest and autophagy in non-small cell lung cancer A549 cells.](#)

Chen MC, Chen CH, Liu YN, Wang HP, Pan SL, Teng CM.

Cancer Letters 2013 Aug; 336(2):370.

- [DRAM links autophagy to p53 and programmed cell death.](#)

Crichton D, Wilkinson S, Ryan KM.

Autophagy 2007 Jan; 3(1):72.

Application: WB-Ce, WB-Tr, Human, Human cancer cells, Human mammalian cells

- [DRAM, a p53-induced modulator of autophagy, is critical for apoptosis.](#)

Crichton D, Wilkinson S, O'Prey J, Syed N, Smith P, Harrison PR, Gasco M, Garrone O, Crook T, Ryan KM.

Cell 2006 Jul; 126(1):121.

- [Autophagy as a cell death and tumor suppressor mechanism.](#)

Gozuacik D, Kimchi A.

Oncogene 2004 Apr; 23(16):2891.