

DRAM Antibody (NT)

ALTERNATE NAMES:	Damage-regulated autophagy modulator
CATALOG #:	5075-100
AMOUNT:	100 µg
HOST:	Rabbit
ISOTYPE:	IgG1
IMMUNOGEN:	DRAM antibody was raised against a 16 amino acid peptide from near the amino terminus of human DRAM.
PURIFICATION:	Affinity chromatography purified via peptide column.
FORMULATION:	100 µg (1 mg/ml) in 1X PBS containing 0.02% sodium azide.
SPECIES REACTIVITY:	Human, mouse, rat
STORAGE CONDITIONS:	Can be stored at 4°C for three months. For long term storage, store at -20°C. Avoid freeze/thaw cycles.

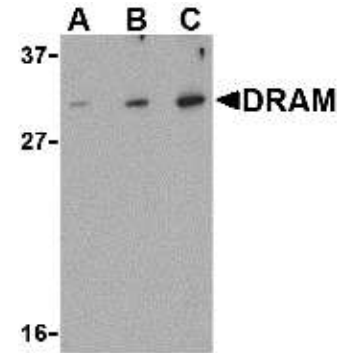
DESCRIPTION:

Damage-regulated autophagy modulator (DRAM) is a p53 target gene encoding a lysosomal protein that induces autophagy, a process that degrades cytosolic proteins and organelles. It has been suggested that activation of DRAM by p53 is simultaneous to the activation by p53 of one or more proapoptotic genes such as PUMA, Bax, etc., and that the signaling pathways regulated by these genes promote a full cell death response. By itself, DRAM cannot induce apoptosis, but the fact that it is inactivated in certain cancers highlights the importance of DRAM and suggests that autophagy may play a more important role in cancer than initially suspected. At least two different isoforms of DRAM are known to exist.

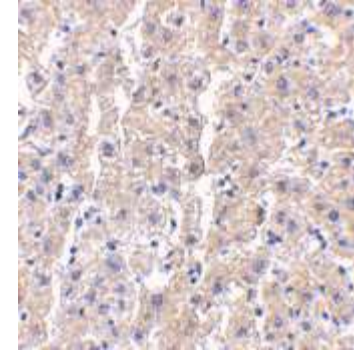
SPECIFICITY: This antibody will detect the NT of DRAM.

APPLICATION: Western Blot: 0.5-2 µg/ml, Immunohistochemistry: 2.5 µg/ml, ELISA.

Note: *This information is only intended as a guide. The optimal dilutions must be determined by the user.*



Western blot analysis of DRAM in K562 cell lysate with DRAM antibody at (A) 0.5, (B) 1 and (C) 2 µg/ml.



Immunohistochemistry of DRAM in human liver tissue with DRAM antibody at 2.5 µg/ml.

RELATED PRODUCTS:

- Bax Antibody (**Cat. No. 3032-100**)
- Bax Antibody (Clone 6036A7) (**Cat. No. 3331-100**)
- Bax Blocking Peptide (**Cat. No. 3032BP-50**)
- DRAM Antibody (CT) (**Cat. No. 5074-100**)

FOR RESEARCH USE ONLY! Not to be used on humans.