

Rabbit DRAM Polyclonal Antibody | anti-DRAM antibody

DRAM Antibody

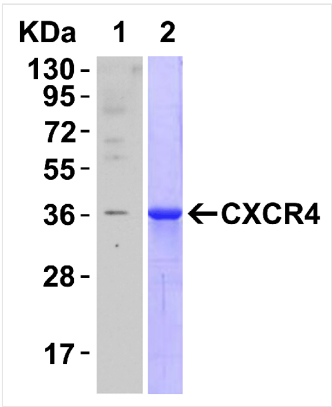
CATALOG # AAA40052	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

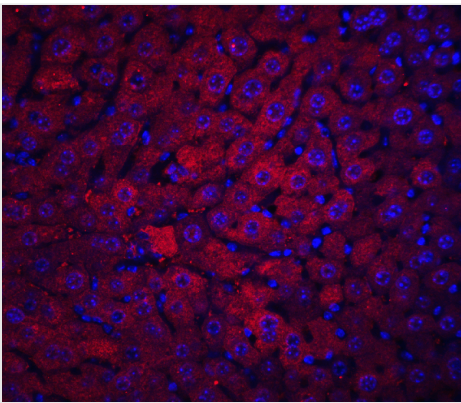
DRAM; Polyclonal Antibody; DRAM Antibody; DNA damage-regulated autophagy modulator protein 1; Damage-regulated autophagy modulator; damage-regulated autophagy modulator; anti-DRAM antibody

PRODUCT SPECIFICATIONS

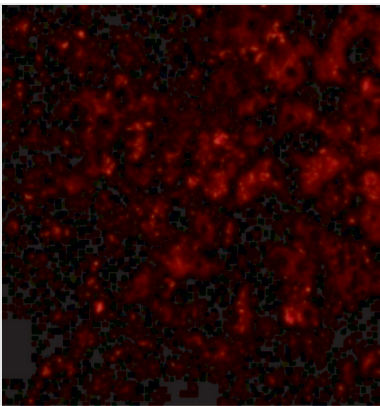
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	DRAM Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	238
Applicable Applications for anti-DRAM antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	DRAM antibody was raised against a 16 amino acid synthetic peptide from near the amino terminus of human DRAM.
Buffer	DRAM Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	DRAM antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



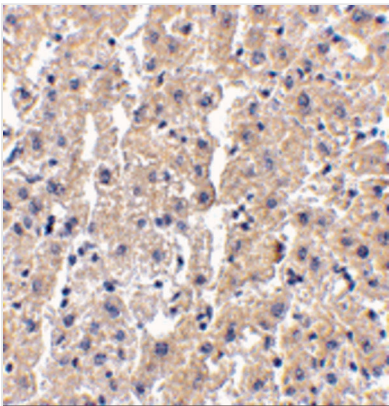
IHC (Immunohistochemistry)
Immunohistochemistry of DRAM in mouse liver tissue with DRAM antibody at 20 μg/mL.



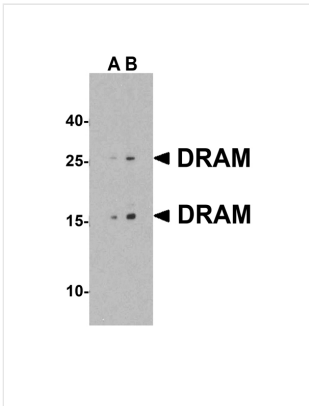
IF (Immunofluorescence)
Immunofluorescence of DRAM in mouse liver tissue with DRAM antibody at 20 μg/mL. Red: DRAM Antibody (4035) Blue: DAPI staining



IF (Immunofluorescence)
Immunofluorescence of DRAM in Human Liver tissue with DRAM antibody at 20 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of DRAM in human liver tissue with DRAM antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of DRAM in 293 cell lysate with DRAM antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-DRAM antibody

DRAM Antibody: 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 together 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22450862
NCBI GeneID	55332
UniProt Accession #	Q8N682; Q7L3E3; Q9NUN1; B7Z4T0
Molecular Weight	13,972 Da
NCBI Official Full Name	Damage-regulated autophagy modulator
NCBI Official Synonym Full Names	DNA-damage regulated autophagy modulator 1
NCBI Official Symbol	DRAM1
NCBI Official Synonym Symbols	DRAM
NCBI Protein Information	DNA damage-regulated autophagy modulator protein 1
UniProt Protein Name	DNA damage-regulated autophagy modulator protein 1
UniProt Gene Name	DRAM1
UniProt Synonym Gene Names	DRAM
UniProt Entry Name	DRAM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dram-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40052>