

Product datasheet for **TA306391**

DRAM (DRAM1) Rabbit Polyclonal Antibody

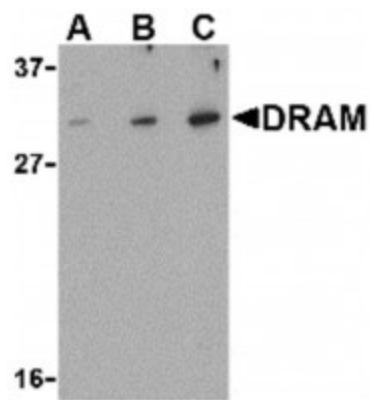
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DRAM antibody was raised against a 16 amino acid synthetic peptide from near the amino terminus of human DRAM. The immunogen is located within amino acids 30 - 80 of DRAM.
Formulation:	PBS containing 0.02% sodium azide.
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	DNA damage regulated autophagy modulator 1
Database Link:	AAH18435 Entrez Gene 55332 Human Q8N682
Background:	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.
Synonyms:	DRAM

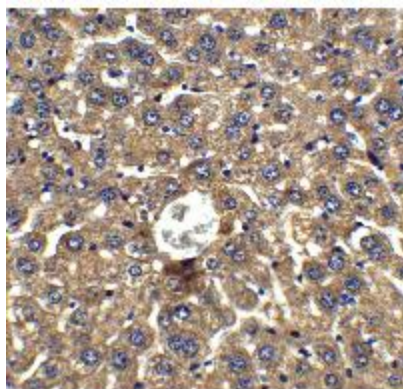


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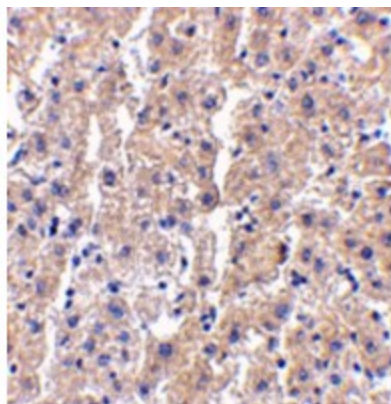
Product images:



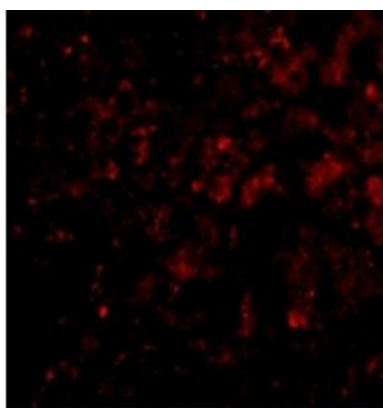
Western blot analysis of DRAM in K562 cell lysate with DRAM antibody at (A) 0.5, (B) 1 and (C) 2ug/ml.



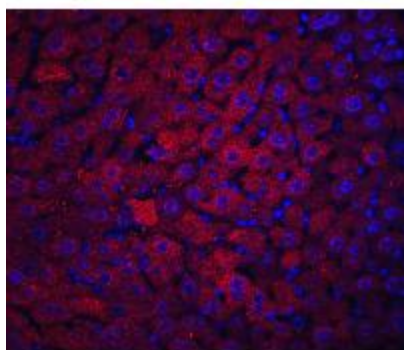
Immunohistochemistry of DRAM in mouse liver tissue with DRAM antibody at 2ug/ml.



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



Immunofluorescence of DRAM in Human Liver tissue with DRAM antibody at 20ug/ml.



Immunofluorescence of DRAM in mouse liver tissue with DRAM antibody at 20ug/ml.