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Datasheet for ABIN6990601 **anti-DRAM antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	DRAM (DRAM1)
Binding Specificity:	AA 170-220, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DRAM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Anti-DRAM antibody was raised against a peptide corresponding to 16 amino acids near the carboxy terminus of human DRAM. The immunogen is located within amino acids 170-220 of DRAM.
Isotype:	IgG
Purification:	DRAM Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DRAM (DRAM1)
Alternative Name:	DRAM (DRAM1 Products)
Background:	DRAM Antibody: Damage-regulated autophagy modulator (DRAM) is a p53 target gene

Target Details

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.

Molecular Weight: Predicted: 14kD, 26kD
Observed: 14 kD, 26kD kDa

Gene ID: 55332

UniProt: [Q8N682](#)

Application Details

Application Notes: WB: 1 µg/mL, IF: 20 µg/mL, IHC: 2.5 µg/mL.

Antibody validated: Western Blot in human, mouse and rat samples, Immunofluorescence and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: DRAM Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: DRAM antibody can be stored at 4°C for three months and -20°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.