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Datasheet for ABIN350295 **anti-DRAM antibody (AA 160-210)**

Overview

Quantity:	500 µg
Target:	DRAM (DRAM1)
Binding Specificity:	AA 160-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from AA 160-210 of human DRAM conjugated to blue carrier protein has been used as the antigen. The antigen shares 85% identity with mouse's and rat's.
Isotype:	IgG
Specificity:	Specific for DRAM.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	DRAM (DRAM1)
Alternative Name:	DRAM (DRAM1 Products)

Target Details

Background: 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 pseudogene on chromosome 4. **FUNCTION:** Lysosomal modulator of autophagy that plays a central role in p53/TP53-mediated apoptosis. Not involved in p73/TP73-mediated autophagy. **SUBCELLULAR LOCATION:** Lysosome membrane, Multi-pass membrane protein. **INDUCTION:** By p53/TP53 and p73/TP73. Directly activated by p53/TP53. Significantly down-regulated in tumor cell lines by methylation-dependent transcriptional silencing.,Mammalian Autophagy,Damage-regulated autophagy modulator, FLJ11259

UniProt: [Q8N682](#)

Application Details

Application Notes: IHC, WB. Use at a concentration of 10-50 µg/ml. The optimal working concentration should be determined by the end user. Not yet tested in other applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in 500 µL of sterile water. Centrifuge to remove any insoluble material.

Handling Advice: Avoid freeze and thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.

Expiry Date: 12 months