

# DRAM Rabbit pAb

Catalog # AP98987

## Product Information

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| <b>Application</b>             | IHC-P, IHC-F, IF                                                                                                                                                                                                                                                                                                                                  |
| <b>Primary Accession</b>       | <a href="#">Q8N682</a>                                                                                                                                                                                                                                                                                                                            |
| <b>Other Accession</b>         | <a href="#">Q8N682</a>                                                                                                                                                                                                                                                                                                                            |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                            |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                                                                                        |
| <b>Calculated MW</b>           | 26253                                                                                                                                                                                                                                                                                                                                             |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human DRAM                                                                                                                                                                                                                                                                                          |
| <b>Epitope Specificity</b>     | 101-200/238                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                 | IgG                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                  | affinity purified by Protein A                                                                                                                                                                                                                                                                                                                    |
| <b>Buffer</b>                  | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                                                                                 |
| <b>SIMILARITY</b>              | Belongs to the DRAM/TMEM150 family.                                                                                                                                                                                                                                                                                                               |
| <b>Important Note</b>          | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.                                                                                                                                                                                                                         |
| <b>Background Descriptions</b> | 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. [provided by RefSeq, Jul 2008] |

## Additional Information

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| <b>Gene ID</b>     | 55332                                                                                                                                                                                           |
| <b>Other Names</b> | DRAM; 1200002N14Rik; DRAM1_HUMAN; DRAM1; Damage-regulated autophagy modulator; DRAM1_MOUSE; DNA damage regulated autophagy modulator 1; DNA-damage regulated autophagy modulator 1              |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500                                                                                                                                   |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| <b>Name</b>     | DRAM1 |
| <b>Synonyms</b> | DRAM  |

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Function</b>          | Lysosomal modulator of autophagy that plays a central role in p53/TP53-mediated apoptosis. Not involved in p73/TP73-mediated autophagy. |
| <b>Cellular Location</b> | Lysosome membrane; Multi-pass membrane protein                                                                                          |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.