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DRAM Antibody (C-term)-2 Blocking Peptide

Synthetic peptide
Catalog # BP1825b

Specification

DRAM Antibody (C-term)-2 Blocking Peptide - Product Information

Primary Accession Q8N682

DRAM Antibody (C-term)-2 Blocking Peptide - Additional Information

Gene ID 55332

Other Names
DNA damage-regulated autophagy modulator protein 1, Damage-regulated autophagy modulator, DRAM1, DRAM

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP1825b was selected from the C-term-2 region of human DRAM. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DRAM Antibody (C-term)-2 Blocking Peptide - Protein Information

Name DRAM1

Synonyms DRAM

Function
Lysosomal modulator of autophagy that plays a central role in p53/TP53-mediated apoptosis. Not involved in p73/TP73-mediated autophagy.

Cellular Location
Lysosome membrane; Multi-pass membrane protein

DRAM Antibody (C-term)-2 Blocking Peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

DRAM Antibody (C-term)-2 Blocking Peptide - Images

DRAM Antibody (C-term)-2 Blocking Peptide - Background

DRAM is regulated as part of the p53 tumor suppressor pathway. It is a lysosomal membrane protein that is required for the induction of autophagy by the pathway. Decreased transcriptional expression of the gene encoding DRAM is associated with various tumors.

DRAM Antibody (C-term)-2 Blocking Peptide - References

Kerley-Hamilton,J.S., Biochim. Biophys. Acta 1769 (4), 209-219 (2007)Crighton,D., Autophagy 3 (1), 72-74 (2007)Crighton,D., Cell 126 (1), 121-134 (2006)Green,D.R., Cell 126 (1), 30-32 (2006)