10320 Camino Santa Fe, Suite G
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ARMT1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP16287a

Specification

ARMT1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession	Q9H993
Other Accession	NP_078849.1

ARMT1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 79624

Other Names
UPF0364 protein C6orf211, C6orf211

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.

ARMT1 Antibody (N-term) Blocking Peptide - Protein Information

Name ARMT1 {ECO:0000303|PubMed:25732820, ECO:0000312|HGNC:HGNC:17872}

Function
Metal-dependent phosphatase that shows phosphatase activity against several substrates, including fructose-1-phosphate and fructose-6-phosphate (By similarity). Its preference for fructose-1- phosphate, a strong glycating agent that causes DNA damage rather than a canonical yeast metabolite, suggests a damage-control function in hexose phosphate metabolism (By similarity). Has also been shown to have O-methyltransferase activity that methylates glutamate residues of target proteins to form gamma-glutamyl methyl ester residues (PubMed:25732820). Possibly methylates PCNA, suggesting it is involved in the DNA damage response (PubMed:25732820).

ARMT1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

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ARMT1 Antibody (N-term) Blocking Peptide - Images

ARMT1 Antibody (N-term) Blocking Peptide - References

Vieira, A.R., et al. Genet. Med. 10(9):668-674(2008)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Mungall, A.J., et al. Nature 425(6960):805-811(2003)