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NAT5 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16414b

Specification

NAT5 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P61599

NAT5 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 51126

Other Names
N-alpha-acetyltransferase 20, Methionine N-acetyltransferase, N-acetyltransferase 5, N-terminal acetyltransferase B complex catalytic subunit NAA20, N-terminal acetyltransferase B complex catalytic subunit NAT5, NatB complex subunit NAT5, NatB catalytic subunit, NAA20, NAT5

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.

NAT5 Antibody (C-term) Blocking Peptide - Protein Information

Name NAA20

Synonyms NAT5

Function
Catalytic subunit of the NatB complex which catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Asp, Met-Glu, Met-Asn and Met-Gln (PubMed:34230638). Proteins with cell cycle functions are overrepresented in the pool of NatB substrates. Required for maintaining the structure and function of actomyosin fibers and for proper cellular migration.

Cellular Location
Cytoplasm. Nucleus

NAT5 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

NAT5 Antibody (C-term) Blocking Peptide - Images

NAT5 Antibody (C-term) Blocking Peptide - Background

NAT5 is a component of N-acetyltransferase complex B(NatB). Human NatB performs cotranslational N(alpha)-terminalacetylation of methionine residues when they are followed byasparagine (Starheim et al., 2008 [PubMed 18570629]).[supplied byOMIM].

NAT5 Antibody (C-term) Blocking Peptide - References

Kuo, H.P., et al. Sci Signal 3 (108), RA9 (2010) :Evjenth, R., et al. J. Biol. Chem. 284(45):31122-31129(2009)Polevoda, B., et al. BMC Proc 3 SUPPL 6, S2 (2009) :Starheim, K.K., et al. Biochem. J. 415(2):325-331(2008)Sanchez-Puig, N., et al. Protein Sci. 15(8):1968-1976(2006)