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NARG1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16596a

Specification

NARG1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9BXJ9

NARG1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 80155

Other Names
N-alpha-acetyltransferase 15, NatA auxiliary subunit, Gastric cancer antigen Ga19, N-terminal acetyltransferase, NMDA receptor-regulated protein 1, Protein tubedown-1, Tbdn100, NAA15, GA19, NARG1, NATH, TBDN100

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.

NARG1 Antibody (N-term) Blocking Peptide - Protein Information

Name NAA15

Synonyms GA19, NARG1, NATH, TBDN100

Function
Auxillary subunit of N-terminal acetyltransferase complexes which display alpha (N-terminal) acetyltransferase (NAT) activity (PubMed:15496142, PubMed:20154145, PubMed:29754825, PubMed:32042062). The NAT activity may be important for vascular, hematopoietic and neuronal growth and development (PubMed:15496142). Required to control retinal neovascularization in adult ocular endothelial cells (PubMed:11687548). In complex with XRCC6 and XRCC5 (Ku80), up-regulates transcription from the osteocalcin promoter (PubMed:12145306).

Cellular Location

Cytoplasm. Nucleus. Note=Mainly cytoplasmic, nuclear in some cases. Present in the free cytosolic and cytoskeleton- bound polysomes, but not in the membrane-bound polysomes

Tissue Location
Expressed at high levels in testis and in ocular endothelial cells. Also found in brain (corpus callosum), heart, colon, bone marrow and at lower levels in most adult tissues, including thyroid, liver, pancreas, mammary and salivary glands, lung, ovary, urogenital system and upper gastrointestinal tract. Overexpressed in gastric cancer, in papillary thyroid carcinomas and in a Burkitt lymphoma cell line (Daudi). Specifically suppressed in abnormal proliferating blood vessels in eyes of patients with proliferative diabetic retinopathy.

NARG1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

NARG1 Antibody (N-term) Blocking Peptide - Images

NARG1 Antibody (N-term) Blocking Peptide - Background

This gene encodes a protein of unknown function. However,similarity to proteins in yeast and other species suggests thatthis protein may be an N-acetyltransferase.

NARG1 Antibody (N-term) Blocking Peptide - References

Arnesen, T., et al. Mol. Cell. Biol. 30(8):1898-1909(2010)Polevoda, B., et al. BMC Proc 3 SUPPL 6, S2 (2009) :Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Arnesen, T., et al. Oncogene 25(31):4350-4360(2006)