

NBAS Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21918a**Specification**

NBAS Blocking Peptide (N-Term) - Product InformationPrimary Accession [A2RRP1](#)**NBAS Blocking Peptide (N-Term) - Additional Information****Gene ID** 51594**Other Names**

Neuroblastoma-amplified sequence, Neuroblastoma-amplified gene protein, NBAS, NAG

Target/Specificity

The synthetic peptide sequence is selected from aa 648-661 of HUMAN NBAS

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.

NBAS Blocking Peptide (N-Term) - Protein Information**Name** NBAS ([HGNC:15625](#))**Function**

Involved in Golgi-to-endoplasmic reticulum (ER) retrograde transport; the function is proposed to depend on its association in the NRZ complex which is believed to play a role in SNARE assembly at the ER (PubMed: <http://www.uniprot.org/citations/19369418> target="_blank">19369418). Required for normal embryonic development (By similarity). May play a role in the nonsense-mediated decay pathway of mRNAs containing premature stop codons (By similarity).

Cellular Location

Cytoplasm. Endoplasmic reticulum. Endoplasmic reticulum membrane; Peripheral membrane protein

Tissue Location

Broadly expressed, with highest levels in heart and skeletal muscle, and lowest levels in liver, small intestine and thymus. Well expressed in retinal ganglion cells, epidermal skin cells, and leukocytes. Up-regulated together with N-myc in some neuroblastoma cell lines.

NBAS Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

NBAS Blocking Peptide (N-Term) - Images

NBAS Blocking Peptide (N-Term) - References

Scott D.K.,et al.Gene 307:1-11(2003).
Hillier L.W.,et al.Nature 434:724-731(2005).
Wimmer K.,et al.Oncogene 18:233-238(1999).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Fruehwald M.C.,et al.J. Med. Genet. 37:501-509(2000).