

GBAS Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20821c**Specification**

GBAS Blocking Peptide (Center) - Product InformationPrimary Accession [O75323](#)**GBAS Blocking Peptide (Center) - Additional Information****Gene ID** 2631**Other Names**

Protein NipSnap homolog 2, NipSnap2, Glioblastoma-amplified sequence, GBAS, NIPSNAP2

Target/Specificity

The synthetic peptide sequence is selected from aa 176-190 of HUMAN GBAS

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.

GBAS Blocking Peptide (Center) - Protein Information**Name** NIPSNAP2 {ECO:0000303|PubMed:30982665, ECO:0000312|HGNC:HGNC:4179}**Function**

Protein involved in mitophagy by facilitating recruitment of the autophagy machinery required for clearance of damaged mitochondria (PubMed:30982665). Accumulates on the mitochondria surface in response to mitochondrial depolarization and acts as a 'eat me' signal by recruiting proteins involved in selective autophagy, such as autophagy receptors (CALCOCO2/NDP52, NBR1, SQSTM1/p62, TAX1BP1 and WDFY3/ALFY) and ATG8 family proteins (MAP1LC3A, MAP1LC3B, MAP1LC3C, GABARAP, GABARAPL1 and GABARAPL2) (PubMed:30982665).

Cellular Location

Mitochondrion matrix

Tissue Location

Widely expressed (PubMed:9615231). Most abundant in heart and skeletal muscle (PubMed:9615231)

GBAS Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

GBAS Blocking Peptide (Center) - Images

GBAS Blocking Peptide (Center) - References

Wang X.-Y.,et al.Genomics 49:448-451(1998).

Seroussi E.,et al.Gene 212:13-20(1998).

Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Ebert L.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.