10320 Camino Santa Fe, Suite G
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GRPEL2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP19185a

Specification

GRPEL2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8TAA5

GRPEL2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 134266

Other Names
GrpE protein homolog 2, mitochondrial, Mt-GrpE#2, GRPEL2

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.

GRPEL2 Antibody (N-term) Blocking Peptide - Protein Information

Name GRPEL2

Function
Essential component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. Seems to control the nucleotide-dependent binding of mitochondrial HSP70 to substrate proteins. Stimulates ATPase activity of mt-HSP70. May also serve to modulate the interconversion of oligomeric (inactive) and monomeric (active) forms of mt-HSP70 (By similarity).

Cellular Location
Mitochondrion matrix.

GRPEL2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

GRPEL2 Antibody (N-term) Blocking Peptide - Images

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GRPEL2 Antibody (N-term) Blocking Peptide - Background

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GRPEL2 Antibody (N-term) Blocking Peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Naylor, D.J., et al. J. Biol. Chem. 273(33):21169-21177(1998)