10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MIDN Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17779b

Specification

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

Primary Accession Q504T8

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

Gene ID 90007

Other Names
Midnolin, Midbrain nucleolar protein, MIDN

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.

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

Name MIDN

Function
Facilitates the ubiquitin-independent proteasomal degradation of stimulus-induced transcription factors such as FOSB, EGR1, NR4A1, and IRF4 to the proteasome for degradation (PubMed:37616343). Promotes also the degradation of other substrates such as CBX4 (By similarity). Plays a role in inhibiting the activity of glucokinase GCK and both glucose-induced and basal insulin secretion.

Cellular Location
Nucleus, nucleolus {ECO:0000250|UniProtKB:Q3TPJ7}. Nucleus. Cytoplasm, cytosol. Note=Detected in the nucleus and nucleolus with no expression in the cytoplasm (By similarity). However, a later study finds expression in the nucleus and cytoplasm with no expression in the nucleolus (PubMed:24187134) {ECO:0000250|UniProtKB:Q3TPJ7, ECO:0000269|PubMed:24187134}

MIDN Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MIDN Antibody (C-term) Blocking Peptide - Images

MIDN Antibody (C-term) Blocking Peptide - Background

MIDN may be involved in regulation of genes related to neurogenesis in the nucleolus (By similarity).

MIDN Antibody (C-term) Blocking Peptide - References

Tsukahara, M., et al. Gene 254 (1-2), 45-55 (2000) :