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MKRN2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP17190a

Specification

MKRN2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9H000

MKRN2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 23609

Other Names
Probable E3 ubiquitin-protein ligase makorin-2, 632-, RING finger protein 62, MKRN2, RNF62

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.

MKRN2 Antibody (N-term) Blocking Peptide - Protein Information

Name MKRN2

Synonyms RNF62

Function
E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins (By similarity). Promotes the polyubiquitination and proteasome-dependent degradation of RELA/p65, thereby suppressing RELA-mediated NF-kappaB transactivation and negatively regulating inflammatory responses (By similarity). Plays a role in the regulation of spermiation and in male fertility (By similarity).

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q9ERV1}. Nucleus {ECO:0000250|UniProtKB:Q9ERV1}

Tissue Location
Expressed in sperm, with significantly reduced expression in sperm of patients with oligoasthenoteratozoospermia (at protein level) (PubMed:28008940). Widely expressed with expression in testis, ovary, small intestine, colon, peripheral blood leukocytes, fetal liver, bone marrow, thymus, lymph node and spleen (PubMed:11597136).

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MKRN2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MKRN2 Antibody (N-term) Blocking Peptide - Images

MKRN2 Antibody (N-term) Blocking Peptide - Background

Members of the makorin family, including MKRN2, have acharacteristic zinc finger composition that suggests that they areribonucleoproteins (Gray et al., 2001 [PubMed 11597136]).[suppliedby OMIM].

MKRN2 Antibody (N-term) Blocking Peptide - References

Gray, T.A., et al. Genomics 77(3):119-126(2001)