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

RIMBP3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16969a

Specification

RIMBP3 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9UFD9

RIMBP3 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 85376

Other Names
RIMS-binding protein 3A, RIM-BP3A, RIMS-binding protein 31, RIM-BP31, RIMBP3, KIAA1666, RIMBP3A

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.

RIMBP3 Antibody (N-term) Blocking Peptide - Protein Information

Name RIMBP3

Synonyms KIAA1666, RIMBP3A

Function
Probable component of the manchette, a microtubule-based structure which plays a key role in sperm head morphogenesis during late stages of sperm development.

Cellular Location
Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q3V0F0}. Note=In elongating spermatids, localizes to the manchette. {ECO:0000250|UniProtKB:Q3V0F0}

RIMBP3 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

RIMBP3 Antibody (N-term) Blocking Peptide - Images

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RIMBP3 Antibody (N-term) Blocking Peptide - Background

RIM-binding proteins (RIMBPs) serve as adaptors during vesicle fusion and release by forming links between synaptic-vesicle fusion apparatuses and calcium channels. RIMBP3 has been identified as a novel manchette-associated protein, and three members of RIMBP3 are known to exist: RIMBP3A, RIMBP3B and RIMBP3C. Each form of RIMBP3 exists as a large multidomain protein encoding three SH3-domains and two to three fibronectin III repeats. RIMBP3 plays a role in spermatid development and is required for normal sperm morphology and male fertility. RIMBP3 is found at high levels outside of the nervous system, with especially high expression in testis. RIMBP3C (RIMS binding protein 3C), also known as RIMBP3.3, or RIM-BP3.3, is a 1545 amino acid protein.