

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

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

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.