

FOLR4 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11990a**Specification**

FOLR4 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [A6ND01](#)**FOLR4 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 390243**Other Names**

Sperm-egg fusion protein Juno, Folate receptor 4, Folate receptor delta, FR-delta, IZUMO1 receptor protein JUNO, IZUMO1R (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=32565) HGNC:32565, FOLR4, JUNO

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.

FOLR4 Antibody (N-term) Blocking peptide - Protein Information**Name** IZUMO1R ([HGNC:32565](#))**Function**

Receptor for IZUMO1 present at the cell surface of oocytes (oolemma), which is essential for species-specific gamete recognition and fertilization. The IZUMO1:IZUMO1R/JUNO interaction is a necessary adhesion event between sperm and egg that is required for fertilization but is not sufficient for cell fusion. The ligand-receptor interaction probably does not act as a membrane 'fusogen'. Does not bind folate.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q9EQF4}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q9EQF4}. Cell projection, microvillus membrane; Lipid- anchor, GPI-anchor {ECO:0000250|UniProtKB:Q9EQF4}. Note=GPI-anchored at the oolemma microvilli. {ECO:0000250|UniProtKB:Q9EQF4}

Tissue Location

Expressed in unfertilized oocytes (at protein level).

FOLR4 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

FOLR4 Antibody (N-term) Blocking peptide - Images**FOLR4 Antibody (N-term) Blocking peptide - Background**

Folate receptor 4 is a highly expressed cell surface marker of regulatory T cells.

FOLR4 Antibody (N-term) Blocking peptide - References

Spiegelstein, O., et al. Gene 258 (1-2), 117-125 (2000) :