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HMMR Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP11771b

Specification

HMMR Antibody (C-term) Blocking peptide - Product Information

Primary Accession O75330

HMMR Antibody (C-term) Blocking peptide - Additional Information

Gene ID 3161

Other Names
Hyaluronan mediated motility receptor, Intracellular hyaluronic acid-binding protein, Receptor for hyaluronan-mediated motility, CD168, HMMR, IHABP, RHAMM

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.

HMMR Antibody (C-term) Blocking peptide - Protein Information

Name HMMR

Synonyms IHABP, RHAMM

Function
Receptor for hyaluronic acid (HA) (By similarity). Involved in cell motility (By similarity). When hyaluronan binds to HMMR, the phosphorylation of a number of proteins, including PTK2/FAK1 occurs. May also be involved in cellular transformation and metastasis formation, and in regulating extracellular-regulated kinase (ERK) activity. May act as a regulator of adipogenisis (By similarity).

Cellular Location
Cell surface {ECO:0000250|UniProtKB:Q00547}. Cytoplasm. Cytoplasm, cytoskeleton, spindle {ECO:0000250|UniProtKB:Q00547}

Tissue Location
Expressed in testis (PubMed:22965910). Expressed in the breast (PubMed:8890751).

HMMR Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

HMMR Antibody (C-term) Blocking peptide - Images

HMMR Antibody (C-term) Blocking peptide - Background

PLEKHA4 binds specifically to phosphatidylinositol-3-phosphate (PtdIns3P), but not to other phosphoinositides.

HMMR Antibody (C-term) Blocking peptide - References

Stelzl, U., et al. Cell 122(6):957-968(2005)Dowler, S., et al. Biochem. J. 351 (PT 1), 19-31 (2000) :