

HMMR / CD168 / RHAMM Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS14764**Specification**

HMMR / CD168 / RHAMM Antibody (N-Terminus) - Product Information

Application	WB, IHC-P, IF
Primary Accession	075330
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200

HMMR / CD168 / RHAMM Antibody (N-Terminus) - 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

Target/Specificity

Human HMMR / RHAMM.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

HMMR / CD168 / RHAMM Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

HMMR / CD168 / RHAMM Antibody (N-Terminus) - 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 adipogenesis (By similarity).

Cellular Location

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

{ECO:0000250|UniProtKB:Q00547}

Tissue Location

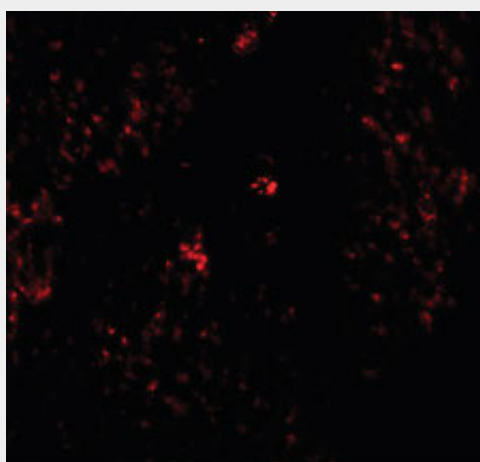
Expressed in testis (PubMed:22965910). Expressed in the breast (PubMed:8890751).

HMMR / CD168 / RHAMM Antibody (N-Terminus) - Protocols

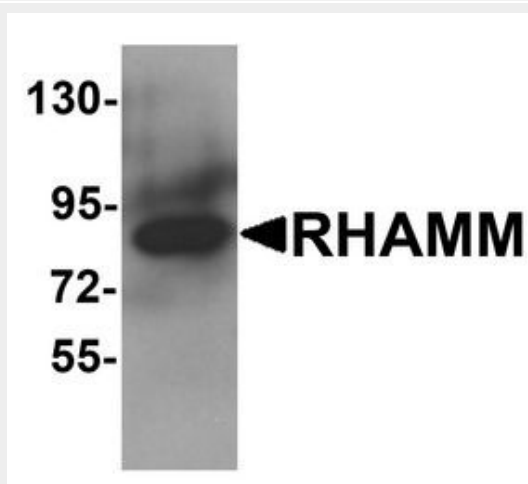
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HMMR / CD168 / RHAMM Antibody (N-Terminus) - Images



Immunofluorescence of RHAMM in human stomach tissue with RHAM antibody at 20 ug/ml.



Western blot analysis of RHAMM in rat stomach tissue lysate with RHAMM antibody at 1 ug/ml.

HMMR / CD168 / RHAMM Antibody (N-Terminus) - Background

Involved in cell motility. 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.

HMMR / CD168 / RHAMM Antibody (N-Terminus) - References

Wang C.,et al.Gene 174:299-306(1996).
Assmann V.,et al.J. Cell Sci. 111:1685-1694(1998).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Schmutz J.,et al.Nature 431:268-274(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.