

CD168 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51928

Specification

CD168 Antibody - Product Information

Application	WB
Primary Accession	O75330
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90 KDa
Antigen Region	321 - 380

CD168 Antibody - 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

KLH conjugated synthetic peptide derived from human CD168

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CD168 Antibody - 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

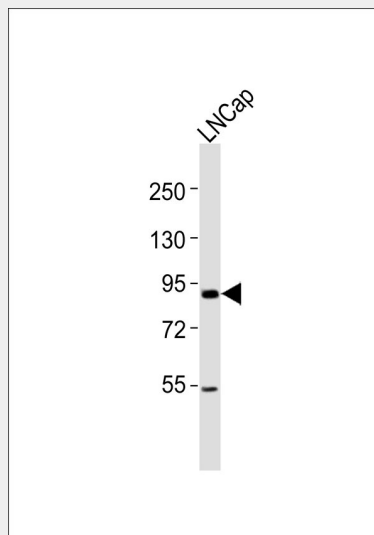
Expressed in testis (PubMed:22965910). Expressed in the breast (PubMed:8890751).

CD168 Antibody - 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](#)

CD168 Antibody - Images



Anti-CD168 Antibody at 1:1000 dilution + LNCap whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 84 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

CD168 Antibody - 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.

CD168 Antibody - 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.

