

# CD168 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51928

## Product Information

Application	WB
Primary Accession	<a href="#">O75330</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84100

## 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

## 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).

## Background

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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.

## References

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Wang C.,et al.Gene 174:299-306(1996).

Assmann V.,et al.J. Cell Sci. 111:1685-1694(1998).

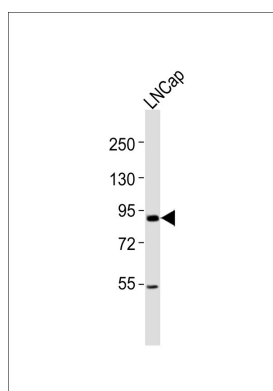
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Schmutz J.,et al.Nature 431:268-274(2004).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

## Images

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.