

Rabbit HMMR Polyclonal Antibody | anti-HMMR antibody

HMMR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326746	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HMMR; Polyclonal Antibody; HMMR Antibody; CD168; CD168 antigen; HMMR_HUMAN; Hyaluronan mediated motility receptor; Hyaluronan-mediated motility receptor (RHAMM); IHABP; Intracellular hyaluronic acid-binding protein; MGC119494; MGC119495; OTTHUMP00000196920; Receptor for hyaluronan-mediated motility; RHAMM; anti-HMMR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HMMR antibody detects endogenous levels of total HMMR
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	725
Applicable Applications for anti-HMMR antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HMMR
Subcellular Location	Cell Surface. Cytoplasm.
Tissue Specificity	Expressed in breast cancer cell lines and in normal breast tissue.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Hela whole cell lysates, using HMMR Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA326746 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA326746 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-HMMR antibody	Description: The protein encoded by this gene is involved in cell motility. It is expressed in breast tissue and together with other proteins, it forms a complex with BRCA1 and BRCA2, thus is potentially associated with higher risk of breast cancer. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. 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). Subunit Structure: Subunit of the HARC complex. Interacts with ANKRD26 (PubMed:22666460).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	217272802
NCBI GeneID	3161
NCBI Accession #	NP_001136028.1
NCBI GenBank Nucleotide #	NM_001142556.1
UniProt Accession #	O75330 ; Q32N02 ; Q92767 ; A8K3G2 ; B4E114 ; D3DQK9 ; D3DQL0 ; E9PCS0
Molecular Weight	Observed: 84 kDa Predicted: 85 kDa
NCBI Official Full Name	hyaluronan mediated motility receptor isoform a
NCBI Official Synonym Full Names	hyaluronan mediated motility receptor
NCBI Official Symbol	HMMR
NCBI Official Synonym Symbols	CD168; IHABP; RHAMM
NCBI Protein Information	hyaluronan mediated motility receptor
UniProt Protein Name	Hyaluronan mediated motility receptor
UniProt Gene Name	HMMR
UniProt Synonym Gene Names	IHABP; RHAMM

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmmr-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326746>