

Datasheet for ABIN6991492

anti-HMMR antibody (N-Term)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	HMMR
Binding Specificity:	AA 80-130, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMMR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	RHAMM antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of human RHAMM. The immunogen is located within amino acids 80 - 130 of RHAMM.
Isotype:	IgG
Purification:	RHAMM Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	HMMR
Alternative Name:	RHAMM (HMMR Products)
Background:	RHAMM Antibody: The hyaluronan-mediated motility receptor, also known as RHAMM, was

Target Details

initially identified as a soluble protein that could be released by sub-confluent migrating cells, promoting cell motility and invasion via interactions with hyaluronan (HA) and the cell surface. While RHAMM is normally poorly expressed in most normal tissues and is not required for embryonic development or normal cell homeostasis functions, its expression is increased during wound repair in response to hypoxia and fibrogenic factors. However, its overexpression is transforming in multiple types of cancers and is required for maintaining RAS transformation. RHAMM associates with BRCA1 and BARD1, attenuating the mitotic-spindle-promoting activity of RHAMM, which may contribute to tumor progression by promoting genomic instability.

Gene ID:	3161
NCBI Accession:	NP_036617
UniProt:	O75330
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes: RHAMM antibody can be used for detection of RHAMM by Western blot at 0.5 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 5 µg/mL.

Antibody validated: Western Blot in rat samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	RHAMM Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	RHAMM antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.