

Datasheet for ABIN783397

**anti-HMMR antibody (N-Term)****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	HMMR
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMMR antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	18 amino acid peptide near the amino terminus of human RHAMM
Specificity:	This antibody detects CD168 / HMMR at N-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	HMMR
Alternative Name:	CD168 / HMMR ( <a href="#">HMMR Products</a> )
Background:	The hyaluronan-mediated motility receptor, also known as RHAMM, was initially identified as a soluble protein that could be released by sub-confluent migrating cells, promoting cell motility

## Target Details

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. Synonyms: Hyaluronan mediated motility receptor, IHABP, Intracellular hyaluronic acid-binding protein, RHAMM, Receptor for hyaluronan-mediated motility

Gene ID: 3161

NCBI Accession: [NP\\_001136028](#)

UniProt: [O75330](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Buffer: 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.

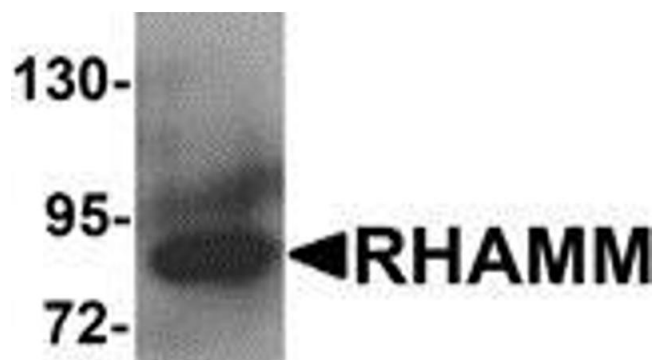
Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.

## Publications

Product cited in: Li, Ji, Wang: "Targeting Long Noncoding RNA HMMR-AS1 Suppresses and Radiosensitizes Glioblastoma." in: **Neoplasia (New York, N.Y.)**, Vol. 20, Issue 5, pp. 456-466, (2018) ([PubMed](#)).



#### Western Blotting

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