Datasheet for ABIN2788458

# anti-MRI1 antibody (N-Term)

Go to Product page

## 1 Image

## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | MRI1 (Mri1) |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Rabbit, Dog, Cow, Guinea Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MRI1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human MGC3207 |
| Sequence: | VNMARAARDL ADVAAREAER EGATEEAVRE RRETELCEHW EEHTRQRELP |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Rabbit: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against MGC3207. It was validated on Western Blot. |
| Purification: | Affinity Purified |

## Target Details

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|---|---|
| Target: | MRI1 (Mri1) |
| Abstract: | Mri1 Products |

## Target Details

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| Background: | MGC3207 catalyzes the interconversion of methylthioribose-1-phosphate (MTR-1-P) into methylthioribulose-1-phosphate (MTRu-1-P). Independently from catalytic activity, MGC3207 promotes cell invasion in response to constitutive RhoA activation by promoting FAK tyrosine phosphorylation and stress fiber turnover.<br>Alias Symbols: MGC3207, MTNA, Ypr118w<br>Protein Interaction Partner: MRI1, SUMO2, UBC, LRRC40, KCTD3, RPE, PPP3CA, ATF7IP,<br>Protein Size: 322 |
| Molecular Weight: | 34 kDa |
| Gene ID: | 84245 |
| NCBI Accession: | NM_032285, NP_115661 |
| UniProt: | Q9BV20 |
| Pathways: | Methionine Biosynthetic Process |

## Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 322 AA |
| Restrictions: | For Research Use only |

## Handling

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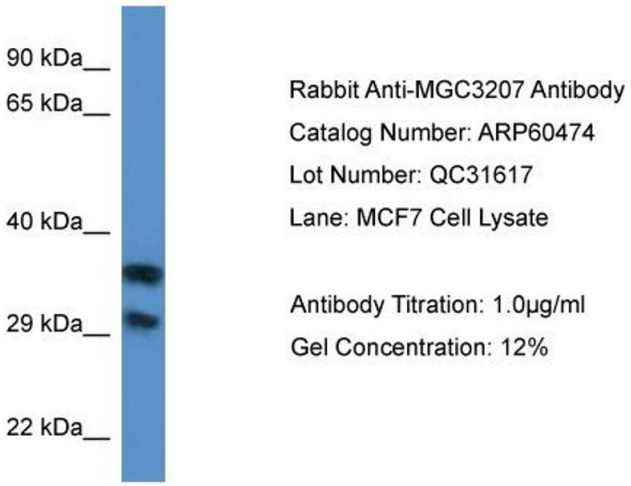
|---|---|
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |




**Western Blotting**

**Image 1.**