Datasheet for ABIN2785732

# anti-AMD1 antibody (N-Term)

1 Image

Go to Product page

## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | AMD1 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Guinea Pig, Horse, Dog, Rabbit |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AMD1 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 AMD1 |
| Sequence: | MGRMNSDCWY LYTLDFPESR VISQPDQTLE ILMSELDPAV MDQFYMKDGV |
| Predicted Reactivity: | Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against AMD1. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

## Target Details

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|---|---|
| Target: | AMD1 |

## Target Details

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| Alternative Name: | AMD1 (AMD1 Products) |
| Background: | The specific function of AMD1 is not yet known.This gene encodes an important intermediate enzyme in polyamine biosynthesis. The polyamines spermine, spermidine, and putrescine are low-molecular-weight aliphatic amines essential for cellular proliferation and tumor promotion. Two alternatively spliced transcript variants that encode different proteins have been identified.<br>Alias Symbols: ADOMETDC, AMD, DKFZp313L1234, FLJ26964, SAMDC<br>Protein Interaction Partner: ELAVL1, UBC, AMD1,<br>Protein Size: 186 |
| Molecular Weight: | 21 kDa |
| Gene ID: | 262 |
| NCBI Accession: | NM_001033059, NP_001028231 |
| UniProt: | Q5VXN4 |
| Pathways: | Ribonucleoside Biosynthetic Process |

## Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 186 AA |
| Restrictions: | For Research Use only |

## Handling

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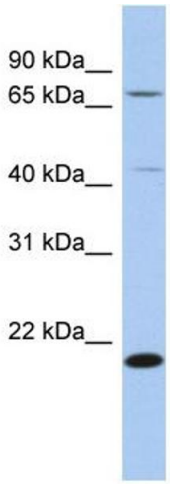
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which 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 |

## Handling

aliquots to prevent freeze-thaw cycles.

## Images




**Western Blotting**

**Image 1. WB Suggested Anti-AMD1 Antibody Titration:** 0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** THP-1 cell lysate