

**AMD1 Antibody (C-term) Blocking peptide**  
Synthetic peptide  
Catalog # BP10100b

## Specification

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### AMD1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [P17707](#)  
Other Accession [NP\\_001625.2](#)

### AMD1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 262

#### Other Names

S-adenosylmethionine decarboxylase proenzyme, AdoMetDC, SAMDC, S-adenosylmethionine decarboxylase alpha chain, S-adenosylmethionine decarboxylase beta chain, AMD1, AMD

#### Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### AMD1 Antibody (C-term) Blocking peptide - Protein Information

Name AMD1

Synonyms AMD

#### Function

Essential for biosynthesis of the polyamines spermidine and spermine. Promotes maintenance and self-renewal of embryonic stem cells, by maintaining spermine levels.

### AMD1 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**AMD1 Antibody (C-term) Blocking peptide - Images**

**AMD1 Antibody (C-term) Blocking peptide - Background**

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. Pseudogenes of this gene are found on chromosomes 5, 6, 10, X and Y.

#### **AMD1 Antibody (C-term) Blocking peptide - References**

Levine, A.J., et al. *Cancer Epidemiol. Biomarkers Prev.* 19(7):1812-1821(2010) Reynolds, R., et al. *Invest. Ophthalmol. Vis. Sci.* 50(12):5818-5827(2009) Bale, S., et al. *Biochemistry* 48(27):6423-6430(2009) Franke, B., et al. *Birth Defects Res. Part A Clin. Mol. Teratol.* 85(3):216-226(2009) Bale, S., et al. *Biochemistry* 47(50):13404-13417(2008)