

ADAM23 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16502b**Specification**

ADAM23 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O75077](#)**ADAM23 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 8745**Other Names**

Disintegrin and metalloproteinase domain-containing protein 23, ADAM 23, Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3, MDC-3, ADAM23, MDC3

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.

ADAM23 Antibody (C-term) Blocking Peptide - Protein Information**Name** ADAM23**Synonyms** MDC3**Function**

May play a role in cell-cell and cell-matrix interactions. This is a non-catalytic metalloprotease-like protein.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Highly expressed in the brain and weakly expressed in the heart. In the brain, expressed prominently in the amygdala, caudate nucleus, hypothalamus, thalamus, cerebral cortex and occipital pole.

ADAM23 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ADAM23 Antibody (C-term) Blocking Peptide - Images

ADAM23 Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This gene is highly expressed in the brain and may function as an integrin ligand in the brain.

ADAM23 Antibody (C-term) Blocking Peptide - References

Pan, Q., et al. Biochem. Biophys. Res. Commun. 401(2):306-312(2010) Rose, J.E., et al. Mol. Med. 16(7-8), 247-253 (2010) :Ferreira, M.A., et al. Allergy 64(11):1623-1628(2009) Costa, M.D., et al. Neurosci. Lett. 461(1):16-20(2009) Verbisck, N.V., et al. Cancer Res. 69(13):5546-5552(2009)