10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ADAM23 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16502b

Specification

ADAM23 Antibody (C-term) Blocking Peptide - Product Information

Primary 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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 andmetalloprotease domain) family. Members of this family aremembrane-anchored proteins structurally related to snake venomdisintegrins, and have been implicated in a variety of biologicalprocesses involving cell-cell and cell-matrix interactions,including fertilization, muscle development, and neurogenesis. Thisgene is highly expressed in the brain and may function as anintegrin 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)