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ADAMTS15 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9256b

Specification

ADAMTS15 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q8TE58

ADAMTS15 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 170689

Other Names
A disintegrin and metalloproteinase with thrombospondin motifs 15, ADAM-TS 15, ADAM-TS15, ADAMTS-15, 3424-, ADAMTS15

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9256b was selected from the C-term region of human ADAMTS15. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

ADAMTS15 Antibody (C-term) Blocking Peptide - Protein Information

Name ADAMTS15

Function
Metalloprotease which has proteolytic activity against the proteoglycan VCAN, cleaving it at the 'Glu-1428-|-1429-Ala' site. Cleaves VCAN in the pericellular matrix surrounding myoblasts, facilitating myoblast contact and fusion which is required for skeletal muscle development and regeneration.

Cellular Location
Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:P59384}. Cell surface {ECO:0000250|UniProtKB:P59384}

Tissue Location
Expressed in fetal liver and kidney, but not in any of the adult tissues examined.

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ADAMTS15 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ADAMTS15 Antibody (C-term) Blocking Peptide - Images

ADAMTS15 Antibody (C-term) Blocking Peptide - Background

ADAMTS15 encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS15 family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains.

ADAMTS15 Antibody (C-term) Blocking Peptide - References

Viloria,C.G., et.al., Cancer Res. 69 (11), 4926-4934 (2009)Porter,S., et.al., Int. J. Cancer 118 (5), 1241-1247 (2006)