

EMILIN1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6640a**Specification**

EMILIN1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y6C2](#)**EMILIN1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 11117**Other Names**

EMILIN-1, Elastin microfibril interface-located protein 1, Elastin microfibril interfacier 1, EMILIN1, EMI

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6640a](/products/AP6640a) was selected from the N-term region of human EMILIN1. 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.

EMILIN1 Antibody (N-term) Blocking Peptide - Protein Information**Name** EMILIN1**Synonyms** EMI**Function**

May be responsible for anchoring smooth muscle cells to elastic fibers, and may be involved not only in the formation of the elastic fiber, but also in the processes that regulate vessel assembly. Has cell adhesive capacity.

Cellular Location

Secreted, extracellular space, extracellular matrix Note=Found mainly at the interface between amorphous elastin and microfibrils.

Tissue Location

Distributed in tissues where resilience and elastic recoil are prominent. Highest levels in the adult small intestine, aorta, lung, uterus, and appendix and in the fetal spleen, kidney, lung, and heart; intermediate expression was detected in adult liver, ovary, colon, stomach, lymph node and spleen; adult heart, bladder, prostate, adrenal gland, mammary gland, placenta and kidney showed low expression whereas a series of other adult tissues, including skeletal muscle and different regions of adult brain show no expression Detected in intramuscular nerve bundles, where it particularly localizes in the epineurium, the most external layer of dense connective tissue enclosing the nerve (PubMed:31978608)

EMILIN1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

EMILIN1 Antibody (N-term) Blocking Peptide - Images

EMILIN1 Antibody (N-term) Blocking Peptide - Background

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EMILIN1 Antibody (N-term) Blocking Peptide - References

Verdone,G., J. Biol. Chem. 283 (27), 18947-18956 (2008) Danussi,C., Mol. Cell. Biol. 28 (12), 4026-4039 (2008)