

ANGPTL7 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6535a**Specification**

ANGPTL7 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O43827](#)**ANGPTL7 Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 10218

Other Names

Angiopoietin-related protein 7, Angiopoietin-like factor, Angiopoietin-like protein 7, Cornea-derived transcript 6 protein, ANGPTL7, CDT6

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6535a](/products/AP6535a) was selected from the N-term region of human ANGPTL7. 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.

ANGPTL7 Antibody (N-term) Blocking Peptide - Protein Information

Name ANGPTL7

Synonyms CDT6

Function

Has a role in the formation and organization of the extracellular matrix. In the eye, it functions as a mediator of dexamethasone-induced matrix deposition in the trabecular meshwork, the tissue responsible for the outflow of the ocular aqueous humor and for the maintenance of intraocular pressure (PubMed: [21199193](http://www.uniprot.org/citations/21199193)). Is a negative regulator of angiogenesis in the cornea, and plays a major role in maintaining corneal avascularity and transparency (PubMed: [25622036](http://www.uniprot.org/citations/25622036)).

Cellular Location

Secreted.

Tissue Location

Highly expressed in the cornea (at protein level) (PubMed:11682471). Expression is restricted to the stromal layer (PubMed:11682471). Also detected at the junction between the corneal stromal layer and the conjunctiva. Not detected in the sclera (PubMed:11682471).

ANGPTL7 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ANGPTL7 Antibody (N-term) Blocking Peptide - Images**ANGPTL7 Antibody (N-term) Blocking Peptide - References**

Kuchtey,J., Invest. Ophthalmol. Vis. Sci. 49 (8), 3438-3448 (2008)