

ANGPTL7 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12644b**Specification**

ANGPTL7 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [O43827](#)**ANGPTL7 Antibody (C-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

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 (C-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). Is a negative regulator of angiogenesis in the cornea, and plays a major role in maintaining corneal avascularity and transparency (PubMed: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 (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ANGPTL7 Antibody (C-term) Blocking peptide - Images**ANGPTL7 Antibody (C-term) Blocking peptide - Background**

The function of this protein remains unknown.

ANGPTL7 Antibody (C-term) Blocking peptide - References

Kuchtey, J., et al. Invest. Ophthalmol. Vis. Sci. 49(8):3438-3448(2008)Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Peek, R., et al. J. Biol. Chem. 277(1):686-693(2002)Stover, C., et al. Genes Immun. 2(3):119-127(2001)