

**Anti-ANGPTL7 Antibody**  
**Rabbit polyclonal antibody to ANGPTL7**  
**Catalog # AP60082****Specification**

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**Anti-ANGPTL7 Antibody - Product Information**

Application	WB, IP, IHC
Primary Accession	<a href="#">O43827</a>
Other Accession	<a href="#">Q8R1Q3</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40018

**Anti-ANGPTL7 Antibody - Additional Information****Gene ID** 10218**Other Names**CDT6; Angiopoietin-related protein 7; Angiopoietin-like factor; Angiopoietin-like protein 7;  
Cornea-derived transcript 6 protein**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ANGPTL7. The exact sequence is proprietary.

**Dilution**

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IP (1/10 - 1/100)

IP~~N/A

IHC~~1:100~500

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-ANGPTL7 Antibody - 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:<a href="http://www.uniprot.org/citations/21199193" target="\_blank">21199193</a>). Is a negative regulator of angiogenesis in the cornea, and plays a major role in maintaining corneal avascularity and transparency (PubMed:<a href="http://www.uniprot.org/citations/25622036" target="\_blank">25622036</a>).

#### **Cellular Location**

Secreted.

#### **Tissue Location**

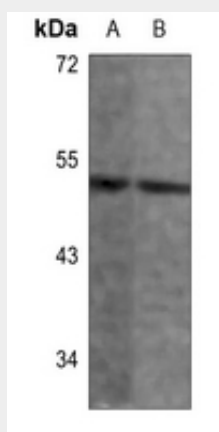
Highly expressed in the cornea (at protein level) (PubMed:11682471). Expression is restricted to the stromal layer (PubMed:11682471). Also detected at the junction between the corneal stromal layer and the conjunctiva. Not detected in the sclera (PubMed:11682471).

### **Anti-ANGPTL7 Antibody - Protocols**

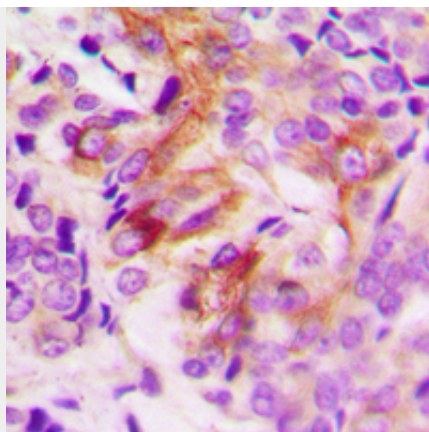
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Anti-ANGPTL7 Antibody - Images**



Western blot analysis of ANGPTL7 expression in HEK293T (A), rat liver (B) whole cell lysates.



Immunohistochemical analysis of ANGPTL7 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

#### **Anti-ANGPTL7 Antibody - Background**

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