

TEM7 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS12427**Specification**

TEM7 Antibody (Internal) - Product Information

Application	IF, IHC
Primary Accession	Q8IUK5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56kDa KDa

TEM7 Antibody (Internal) - Additional Information**Gene ID** 57125**Other Names**

Plexin domain-containing protein 1, Tumor endothelial marker 3, Tumor endothelial marker 7, PLXDC1, TEM3, TEM7

Target/Specificity

a 16 amino acid peptide from near the center of human TEM7

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

TEM7 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

TEM7 Antibody (Internal) - Protein Information**Name** PLXDC1**Synonyms** TEM3, TEM7**Function**

Plays a critical role in endothelial cell capillary morphogenesis.

Cellular Location

Secreted [Isoform 2]: Secreted. [Isoform 4]: Cytoplasm.

Tissue Location

Detected in urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717). Detected in endothelial cells from colorectal cancer, and in endothelial cells from primary cancers of the lung, liver, pancreas, breast and brain. Not detectable in endothelial cells from normal tissue. Expressed in fibrovascular membrane with increased expression in individuals with

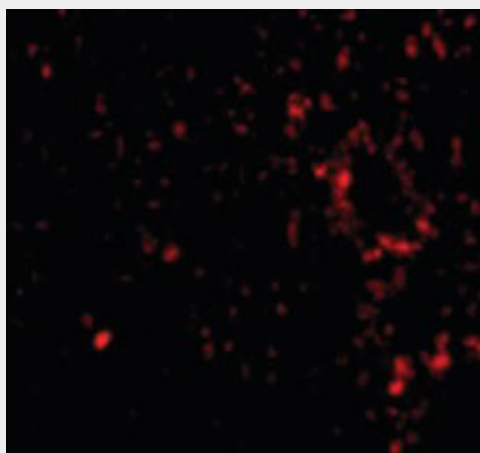
proliferative diabetic retinopathy.

TEM7 Antibody (Internal) - Protocols

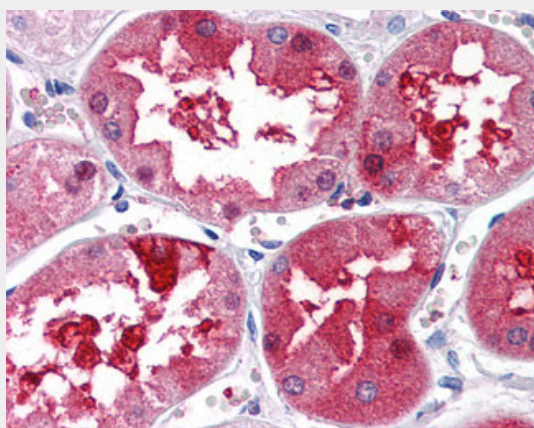
Provided below are standard protocols that you may find useful for product applications.

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

TEM7 Antibody (Internal) - Images



Immunofluorescence of TEM7 in Mouse Liver cells with TEM7 antibody at 20 ug/ml.



Anti-TEM7 antibody IHC of human kidney.

TEM7 Antibody (Internal) - Background

Plays a critical role in endothelial cell capillary morphogenesis.

TEM7 Antibody (Internal) - References

St Croix B.,et al.Science 289:1197-1202(2000).
Carson-Walter E.B.,et al.Cancer Res. 61:6649-6655(2001).
Nanda A.,et al.Cancer Res. 64:8507-8511(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Lee H.K.,et al.FEBS Lett. 580:2253-2257(2006).