

Anti-PLXDC1 Antibody
Catalog # AP53861**Specification**

Anti-PLXDC1 Antibody - Product Information

Application	WB
Primary Accession	Q8IUK5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55760

Anti-PLXDC1 Antibody - Additional Information**Gene ID** 57125**Other Names**

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

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PLXDC1. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000

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-PLXDC1 Antibody - 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).

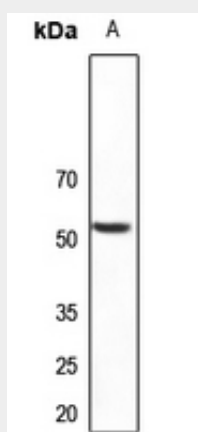
Detected in endothelial cells from colorectal cancer, and in endothelial cells from primary cancers of the lung, liver, pancreas, breast and brain. Not detectable in endothelial cells from normal tissue. Expressed in fibrovascular membrane with increased expression in individuals with proliferative diabetic retinopathy.

Anti-PLXDC1 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-PLXDC1 Antibody - Images



Western blot analysis of PLXDC1 expression in rat liver (A) whole cell lysates.

Anti-PLXDC1 Antibody - Background

Rabbit polyclonal antibody to PLXDC1