

PLXDC1 Antibody(C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19440b

Specification

PLXDC1 Antibody(C-term) - Product Information

Application	WB,E
Primary Accession	Q8IUK5
Other Accession	NP_065138.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55760
Antigen Region	466-494

PLXDC1 Antibody(C-term) - 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

This PLXDC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 466-494 amino acids from the C-terminal region of human PLXDC1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PLXDC1 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PLXDC1 Antibody(C-term) - 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

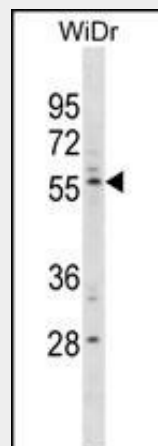
Detected in urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717). Detected in endothelial cells from colorectal cancer, and in endothelial cells from primary cancers of the lung, liver, pancreas, breast and brain. Not detectable in endothelial cells from normal tissue. Expressed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

PLXDC1 Antibody(C-term) - 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](#)

PLXDC1 Antibody(C-term) - Images



PLXDC1 Antibody (C-term) (Cat. #AP19440b) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the PLXDC1 antibody detected the PLXDC1 protein (arrow).

PLXDC1 Antibody(C-term) - Background

Plays a critical role in endothelial cell capillary morphogenesis.

PLXDC1 Antibody(C-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Halder, C., et al. Anticancer Res. 29(11):4317-4322(2009)

Yamaji, Y., et al. Invest. Ophthalmol. Vis. Sci. 49(7):3151-3157(2008)
Fuchs, B., et al. Gene 399(2):137-143(2007)
Nanda, A., et al. Cancer Res. 64(23):8507-8511(2004)