

Rabbit TEM7 Polyclonal Antibody | anti-PLXDC1 antibody

TEM7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39601	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

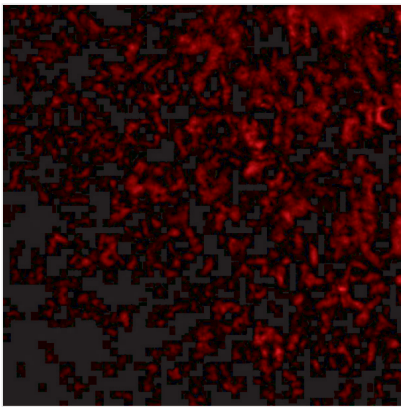
PRODUCT SYNONYMS

TEM7; Polyclonal Antibody; TEM7 Antibody; TEM3; Plexin domain-containing protein 1; Tumor endothelial marker 3; plexin domain containing 1; anti-PLXDC1 antibody

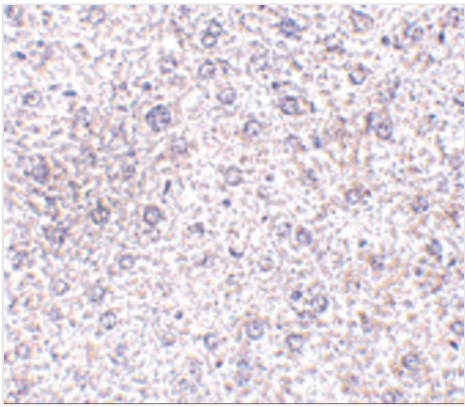
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TEM7 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	500
Applicable Applications for anti-PLXDC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TEM7 antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human TEM7.
Buffer	TEM7 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TEM7 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

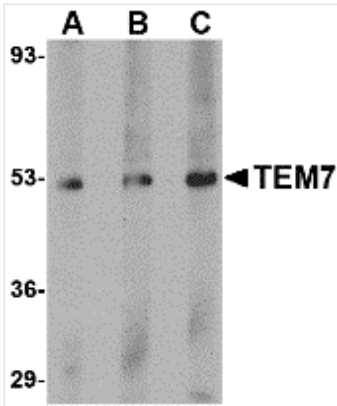
IMAGES



IF (Immunofluorescence)
Immunofluorescence of TEM7 in mouse liver tissue with TEM7 antibody at 20 µg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of TEM7 in mouse liver tissue with TEM7 antibody at 2.5 µg/mL.



WB (Western Blot)
Western blot analysis of TEM7 in human liver tissue lysate with TEM7 antibody at (A) 0.5, (B) 1 and (C) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PLXDC1 antibody	TEM7 Antibody: Tumor endothelial marker 7 (TEM7) was identified through serial analysis of gene expression on endothelial cells isolated from human normal and malignant colorectal tissues. Further experiments verified TEM7 was highly expressed in the endothelium of numerous other cancer types including breast, lung and brain tumors. At least four isoforms of TEM7 are known to exist; these include intracellular, secreted, and membrane-bound forms. A homologous protein, TEM7R (also known as PLXDC2), acts as a binding partner to TEM7 and is also abundantly expressed in the endothelium of malignant colorectal cancer but is absent or rare in normal colon mucosa. High expression of TEM7 is associated with metastasis and poor survival of patients with osteogenic sarcoma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14017379
NCBI GeneID	57125
UniProt Accession #	Q8IUUK5; Q5QCZ7; Q5QCZ8; Q5QCZ9; Q9HCT9; B2R7I8
Molecular Weight	47,895 Da
NCBI Official Full Name	tumor endothelial marker 7
NCBI Official Synonym Full Names	plexin domain containing 1
NCBI Official Symbol	PLXDC1
NCBI Official Synonym Symbols	TEM3; TEM7

NCBI Protein Information	plexin domain-containing protein 1; 2410003I07Rik; tumor endothelial marker 3; tumor endothelial marker 7
UniProt Protein Name	Plexin domain-containing protein 1
UniProt Gene Name	PLXDC1
UniProt Synonym Gene Names	TEM3; TEM7
UniProt Entry Name	PLDX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tem7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39601>