

Rabbit TEM7 Polyclonal Antibody | anti-TEM7 antibody

TEM7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305342	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

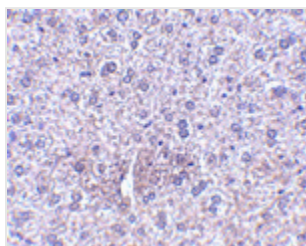
PRODUCT SYNONYMS

TEM7; Polyclonal Antibody; TEM7 Antibody; Tumor endothelial marker 7; TEM3; plexin domain-containing protein 1; PLXDC1; anti-TEM7 antibody

PRODUCT SPECIFICATIONS

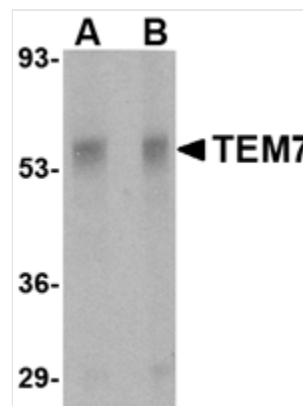
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	500
Applicable Applications for anti-TEM7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the center of human TEM7.
Target Name	TEM7
Preparation and Storage	Can be stored at -20 degree C, stable for 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



IHC (Immunohistochemistry)

Immunohistochemistry of TEM7 in mouse liver tissue with TEM7 antibody at 2.5 ug/mL.



WB (Western Blot)

Western blot analysis of TEM7 in rat liver tissue lysate with TEM7 antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-TEM7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14017379
Molecular Weight	47,895 Da
NCBI Official Full Name	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/tem7-antibody-immunohistochemistry-western-blot-elisa/305342>