

Rabbit TEM1 Polyclonal Antibody | anti-TEM1 antibody

TEM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301470	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

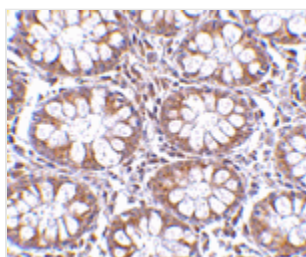
PRODUCT SYNONYMS

TEM1; Polyclonal Antibody; TEM1 Antibody; Tumor endothelial marker 1; endosialin; CD248; CD164L1; anti-TEM1 antibody

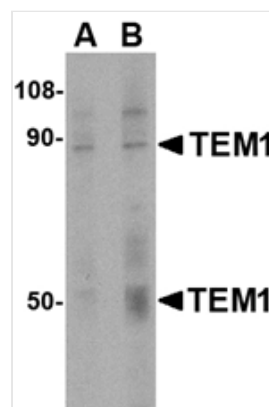
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	At least two isoforms of TEM1 are known to exist; this antibody recognizes both isoforms.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	757
Applicable Applications for anti-TEM1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide near the carboxy terminus of the human TEM1.
Target Name	TEM1
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 TEM1 in human colon tissue with TEM1 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of TEM1 in human colon tissue lysate with TEM1 antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TEM1 antibody	Tumor endothelial marker (TEM) 1 was originally identified as a human embryonic fibroblast-specific antigen and was later determined to be endosialin, a single-pass transmembrane glycoprotein that has multiple extracellular domains, including three EGF-like domains, a sushi-like domain, and a C lectin-like domain. TEM proteins are significantly up-regulated during angiogenesis and neoangiogenesis that are crucial for the growth of solid tumors. While TEM1 is not required for angiogenesis during fetal development, postnatal growth or wound healing, it plays a role in tumor growth, invasion, and metastasis. Fibronectin and collagen types I and IV act as specific ligands of TEM1, leading to suggestions that these molecules may cause changes in the extracellular matrix, cell adhesion and migration during tumor invasion.
Product Categories/Family for anti-TEM1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	9966885
NCBI GeneID	57124
NCBI Accession #	NP_065137
NCBI GenBank Nucleotide #	NM_020404.2
Molecular Weight	46,241 Da
NCBI Official Full Name	endosialin
NCBI Official Synonym Full Names	CD248 molecule, endosialin
NCBI Official Symbol	CD248
NCBI Official Synonym Symbols	TEM1; CD164L1
NCBI Protein Information	endosialin
UniProt Protein Name	Endosialin
UniProt Gene Name	CD248
UniProt Synonym Gene Names	CD164L1; TEM1
UniProt Entry Name	CD248_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://stage.aaabiotech.com/polyclonal/tem1-antibody-immunohistochemistry-western-blot-elisa/301470>