

Rabbit TEM5 Polyclonal Antibody | anti-TEM5 antibody

TEM5 Antibody

CATALOG # AAA301925	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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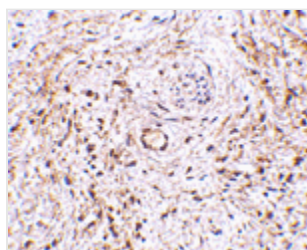
PRODUCT SYNONYMS

TEM5; Polyclonal Antibody; TEM5 Antibody; Tumor endothelial marker 5; G protein-coupled receptor 124; GPR124; anti-TEM5 antibody

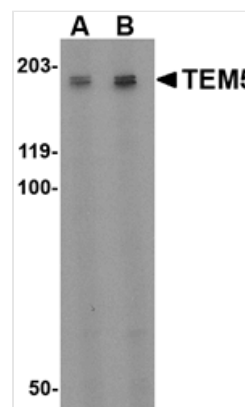
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	1338
Applicable Applications for anti-TEM5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide near the center of human TEM5.
Target Name	TEM5
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 TEM5 in human bladder tissue with TEM5 antibody at 5 ug/mL.


WB (Western Blot)

Western blot analysis of TEM5 in rat kidney tissue lysate with TEM5 antibody at (A) 2 ug/ml and (B) 4 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TEM5 antibody	Tumor endothelial markers (TEMs) are significantly up-regulated during angiogenesis and neoangiogenesis that are crucial for the growth of solid tumors. TEMs localized on the cell surface and conserved across species are of particular interest for future development of anti-angiogenic therapies. These include TEMs such as TEM1, TEM5, TEM7 and TEM8. TEM5 is a member of the adhesion family of G protein coupled receptors and is localized on the surface of endothelial cells. TEM5 is a seven-pass transmembrane receptor, unlike TEM1, TEM7 and TEM8 which span the membrane once. TEM5 is abundantly expressed in tumor vessels, heart, placenta, ovary, small intestine, and colon. Proteolytically processed soluble TEM5 mediates endothelial cell survival during angiogenesis by linking integrin to glycosaminoglycans.
Product Categories/Family for anti-TEM5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	300934750
NCBI GeneID	25960
NCBI Accession #	NP_116166.9
NCBI GenBank Nucleotide #	NM_032777.9
UniProt Accession #	Q96PE1; Q8N3R1; Q8TEM3; Q96KB2; Q9P1Z7; Q9UFY4; A6H8W3; D3DSW4
Molecular Weight	19,530 Da
NCBI Official Full Name	G-protein coupled receptor 124
NCBI Official Synonym Full Names	adhesion G protein-coupled receptor A2
NCBI Official Symbol	ADGRA2
NCBI Official Synonym Symbols	TEM5; GPR124
NCBI Protein Information	G-protein coupled receptor 124
UniProt Protein Name	G-protein coupled receptor 124
UniProt Gene Name	GPR124
UniProt Synonym Gene Names	KIAA1531; TEM5
UniProt Entry Name	GP124_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://www.aaabiotech.com/polyclonal/tem5-antibody-immunohistochemistry-western-blot-elisa/301925>