Rabbit anti-Human, Rat TEM5 Polyclonal Antibody | anti-GPR124 antibody

TEM5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39883	**Rabbit**	**Human, Rat**	**Immunohistochemistry, Western Blot, ELISA**

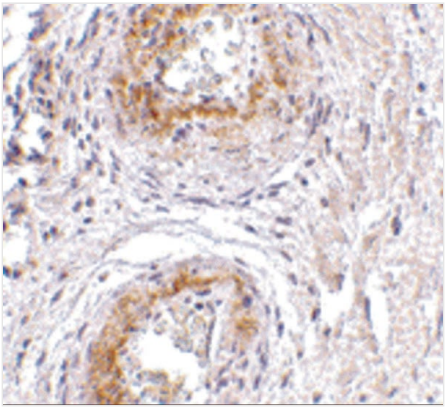
PRODUCT SYNONYMS

TEM5; Polyclonal Antibody; TEM5 Antibody; KIAA1531; G-protein coupled receptor 124; Tumor endothelial marker 5; G protein-coupled receptor 124; anti-GPR124 antibody

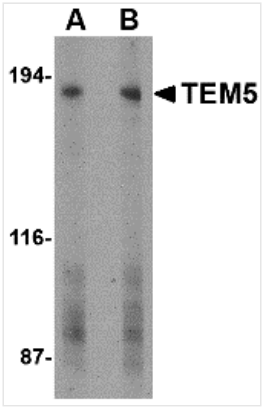
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TEM5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1338
Applicable Applications for anti-GPR124 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TEM5 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of the human TEM5.
Buffer	TEM5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TEM5 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



IHC (Immunohiostchemistry)
Immunohistochemistry of TEM5 in human bladder tissue with TEM5 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of TEM5 in human bladder tissue lysate with TEM5 antibody at (A) 2 and (B) 4 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR124 antibody	TEM5 Antibody: Tumor endothelial markers (TEMs) are significantly up-regulated during angiogenesis and neoangiogensis 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	221222450
NCBI GeneID	25960
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	G protein-coupled receptor 124
NCBI Official Symbol	GPR124
NCBI Official Synonym Symbols	TEM5
NCBI Protein Information	G-protein coupled receptor 124; tumor endothelial marker 5
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/tem5-antibody-immunohistochemistry-western-blot-elisa/39883