

Rabbit GPR124 / TEM5 Polyclonal Antibody | anti-GPR124 antibody

Rabbit Polyclonal to Human GPR124 / TEM5

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50770	Rabbit	Gorilla, Human Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

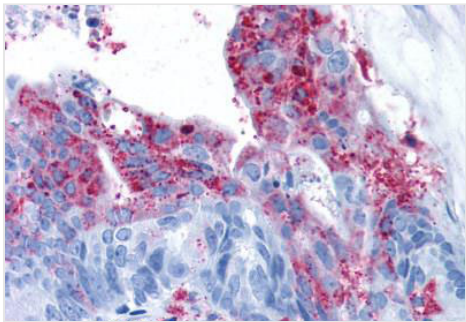
PRODUCT SYNONYMS

GPR124 / TEM5; Polyclonal Antibody; Rabbit Polyclonal to Human GPR124 / TEM5; Anti-GPR124 / TEM5 Antibody (N-Terminus) IHC-plus; GPR124; G protein-coupled receptor 124; G-protein coupled receptor 124; TEM5; KIAA1531; Tumor endothelial marker 5; Human GPR124; anti-GPR124 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR124. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SEMA4G (55%), CSF3 (40%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	0.9 mg/ml (varies by lot)
Sequence Length	1338
Applicable Applications for anti-GPR124 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from N-terminal extracellular domain of human GPR124. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Gibbon, Monkey (90%); Dog (85%).
Immunogen Type	Synthetic peptide
Immunogen	GPR124 / TEM5 antibody was raised against synthetic 20 amino acid peptide from N-terminal extracellular domain of human GPR124. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Gibbon, Monkey (90%); Dog (85%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GPR124 / TEM5 antibody IHC of human Colon, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR124 antibody	Tumor endothelial marker 5 is an Orphan-U GPCR with an unknown ligand. Tumor Endothelial Marker 5, like GPR125, has a leucine rich repeat (LRR), an immunoglobulin (Ig) domain, and a hormone-binding domain (HBD). The Ig domain shows similarities to motilin and titin, while the LRR domain shows similarities to LRIG1 and SLIT1-2.
Product Categories/Family for anti-GPR124 antibody	Family: GPCR; Subfamily: Orphan-U

NCBI AND UNIPROT INFORMATION

NCBI GI #	194272183
NCBI GeneID	25960
NCBI Accession #	NP_116166.7
NCBI GenBank Nucleotide #	NM_032777.7
UniProt Accession #	Q96PE1; Q8N3R1; Q8TEM3; Q96KB2; Q9P1Z7; Q9UFY4; A6H8W3; D3DSW4
Molecular Weight	19,530 Da
NCBI Official Full Name	probable 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.