

For Research Use Only

GPR124 Polyclonal antibody

Catalog Number: 20050-1-AP



Basic Information

Catalog Number:

20050-1-AP

Size:

N/A

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_032777

GeneID (NCBI):

25960

UNIPROT ID:

Q96PE1

Full Name:

G protein-coupled receptor 124

Calculated MW:

143 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

GPR124, also named as KIAA1531 and TEM5, belongs to the G-protein coupled receptor 2 family and LN-TM7 subfamily. GPR124 is an Orphan receptor. GPR124 is a Tumor endothelial marker (TEMs) which significantly up-regulated during angiogenesis and neovascularization that are crucial for the growth of solid tumors and localized on the cell surface and conserved across species are of particular interest for future development of anti-angiogenic therapies. GPR124 is a member of the adhesion family of G protein coupled receptors and is localized on the surface of endothelial cells. GPR124 is a seven-pass transmembrane receptor, unlike TEM1, TEM7 and TEM8 which span the membrane once. Proteolytically processed soluble GPR124 mediates endothelial cell survival during angiogenesis by linking integrin to glycosaminoglycans. The antibody recognizes near the C-term of GPR124. The antibody can't recognize the isoform3 of GPR124.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data