bs-6150R **[Primary Antibody]**

GPR124 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 25960 **SWISS:** Q96PE1

Target: GPR124

Immunogen: KLH conjugated synthetic peptide derived from human GPR124: 1201-1303/1303.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Tumor endothelial markers (TEMs) are abundantly expressed in the blood vessels of human solid tumors during angiogenesis and neoangiogensis. These include TEM1 (endosialin), TEM5 (G-protein coupled receptor 124) and TEM7 (plexin domain containing 1). TEMs are associated with the cell surface membrane at low levels in normal human and mouse tissues. TEM5 is a seven-pass transmembrane receptor, whereas TEM1, TEM7 and TEM8 span the membrane once. TEM5 expression is elevated during tumor angiogenesis and neoangiogenesis. TEM7 is highly expressed in tumor endothelium and neurons. Therefore, TEM5 and TEM7 may be suitable targets for the development of antiangiogenic therapies.

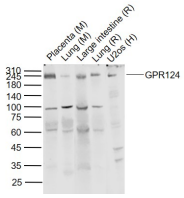
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: Human, Mouse, Rat (predicted: Rabbit, Sheep, Cow, Dog, Horse)

Predicted MW.: 139 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Placenta (Mouse) Lysate at 40 ug Lane 2: Lung (Mouse) Lysate at 40 ug Lane 3: Large intestine (Rat) Lysate at 40 ug Lane 4: Lung (Rat) Lysate at 40 ug Lane 5: U2os (Human) Cell Lysate at 30 ug Primary: Anti-GPR124 (bs-6150R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 180-200 kD Observed band size: 245 kD