

For Research Use Only

GPR87 Polyclonal antibody

Catalog Number: 25999-1-AP



Basic Information

Catalog Number:

25999-1-AP

Size:

150ul , Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23214

GenBank Accession Number:

BC132888

GeneID (NCBI):

53836

UNIPROT ID:

Q9BY21

Full Name:

G protein-coupled receptor 87

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : mouse bladder tissue,

Background Information

G Protein-Coupled Receptor 87 (GPR87) is a GPCR, and it has been demonstrated to regulate the progression of several tumors (PMID:18183596). Studies reported that GPR87 promotes PDA (Pancreatic ductal adenocarcinoma) proliferation, angiogenesis, gemcitabine resistance, and tumorigenicity through activating the nuclear factor-kB (NF-kB) pathway (PMID:32405536). GPR87 is an independent prognostic factor for bladder cancer intravesical recurrence; it promotes bladder cancer cell proliferation and inhibits apoptosis. In addition, GPR87 was orphanized and shown to be a lysophosphatidic acid (LPA) receptor (PMID:23752273).

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

*** 20ul sizes contain 0.1% BSA

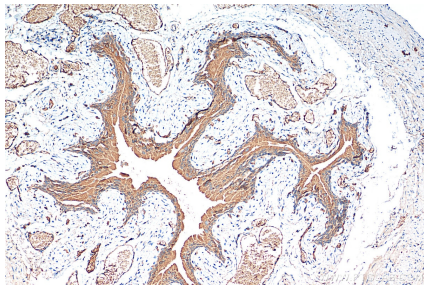
For technical support and original validation data for this product please contact:

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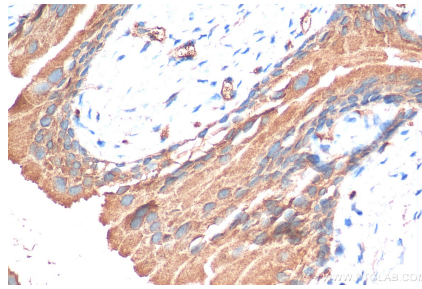
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse bladder tissue slide using 25999-1-AP (GPR87 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse bladder tissue slide using 25999-1-AP (GPR87 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).