

For Research Use Only

GPR87 Polyclonal antibody

Catalog Number: 25999-1-AP



Basic Information

Catalog Number: 25999-1-AP	GenBank Accession Number: BC132888	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 53836	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: G protein-coupled receptor 87	
Isotype: IgG		
Immunogen Catalog Number: AG23214		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse bladder tissue,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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). Studied 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 deorphanized 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

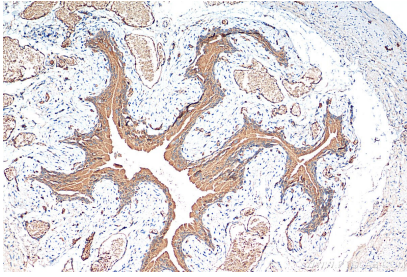
For technical support and original validation data for this product please contact:

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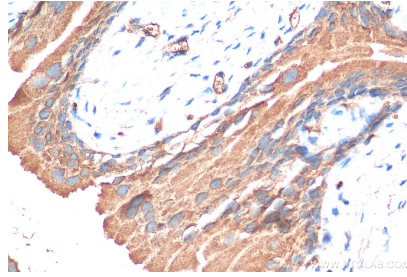
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Selected Validation Data



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).