

For Research Use Only

NPSR1 Polyclonal antibody

Catalog Number:25085-1-AP



Basic Information

Catalog Number: 25085-1-AP	GenBank Accession Number: BC132693	Purification Method: Antigen affinity purification
Size: 350 ug/ml	GeneID (NCBI): 387129	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q6W5P4	
Isotype: IgG	Full Name: neuropeptide S receptor 1	
Immunogen Catalog Number: AG18785	Calculated MW: 371 aa, 43 kDa	

Applications

Tested Applications:
IHC, ELISA

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

Positive Controls:

IHC : human colon cancer tissue, human cervical cancer tissue, human endometrial cancer tissue

Background Information

Neuropeptide S receptor 1 (NPSR1), previously known as GPRA and GPR154, is a G protein-coupled receptor (GPCR) that plays a significant role in various physiological processes. NPSR1 is primarily expressed in the bronchus, brain, and immune cells. It is also found in specific peripheral cell types such as monocytes/macrophages and neuroendocrine cells of the gut (PMID: 30711025).

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:

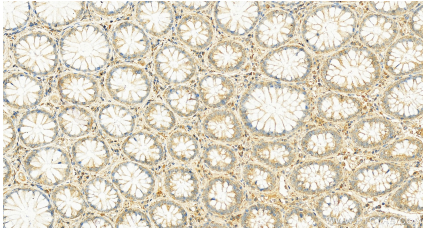
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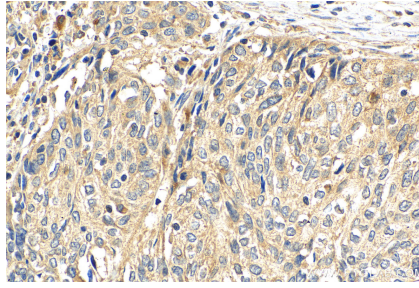
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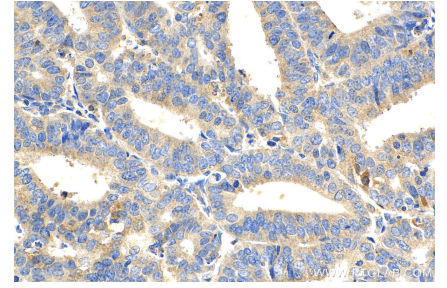
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded colon cancer slide using 25085-1-AP (NPSR1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 25085-1-AP (NPSR1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 25085-1-AP (NPSR1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).