

For Research Use Only

# NPSR1 Polyclonal antibody

Catalog Number:25085-1-AP



## Basic Information

<b>Catalog Number:</b> 25085-1-AP	<b>GenBank Accession Number:</b> BC132693	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 387129	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6W5P4	
<b>Isotype:</b> IgG	<b>Full Name:</b> neuropeptide S receptor 1	
<b>Immunogen Catalog Number:</b> AG18785	<b>Calculated MW:</b> 371 aa, 43 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human colon cancer tissue, human cervical cancer tissue, human endometrial cancer tissue
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

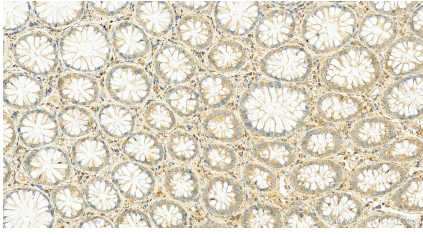
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

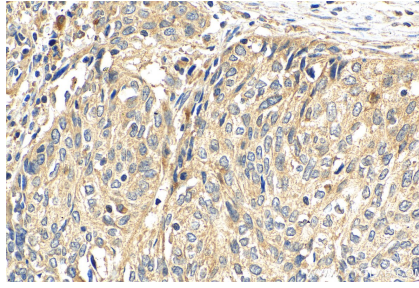
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

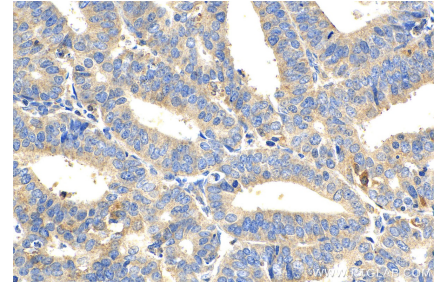
## Selected Validation Data



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).