

For Research Use Only

# GPR65 Polyclonal antibody

Catalog Number: 20306-1-AP



## Basic Information

<b>Catalog Number:</b> 20306-1-AP	<b>GenBank Accession Number:</b> BC035633	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 393 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8477	<b>Recommended Dilutions:</b> IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IYL9	
<b>Isotype:</b> IgG	<b>Full Name:</b> G protein-coupled receptor 65	
<b>Immunogen Catalog Number:</b> AG14139	<b>Calculated MW:</b> 337 aa, 39 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human tonsillitis 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

GPR65 (G protein-coupled receptor 65) was defined originally as T-cell death-associated gene 8 (TDAG8), functions as a proton-sensing receptor, and is also sensitive to psychosine (PMID: 35343079). GPR65 promotes adaptation to an acidic environment to enhance cell survival and proliferation, thereby promoting tumor development (PMID: 36852075).

## Storage

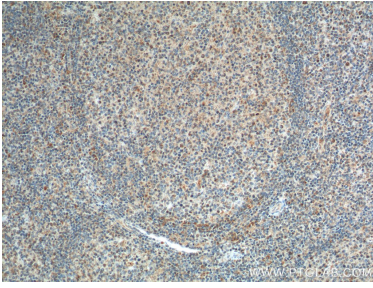
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

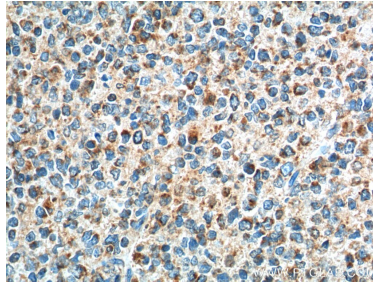
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 20306-1-AP (GPR65 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 human tonsillitis tissue slide using 20306-1-AP (GPR65 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).