

For Research Use Only

# GPR65 Polyclonal antibody

Catalog Number: 20306-1-AP

1 Publications



## Basic Information

Catalog Number:

20306-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14139

GenBank Accession Number:

BC035633

GeneID (NCBI):

8477

UNIPROT ID:

Q8IYL9

Full Name:

G protein-coupled receptor 65

Calculated MW:

337 aa, 39 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

## Applications

Tested Applications:

IHC, ELISA

Cited Applications:

IHC, IF

Species Specificity:

human

Cited Species:

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 tonsillitis tissue,

## 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).

## Notable Publications

| Author     | Pubmed ID | Journal       | Application |
|------------|-----------|---------------|-------------|
| Jikang Fan | 39123083  | Neurosurg Rev | IHC,IF      |

## 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:

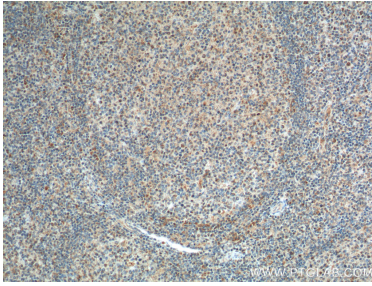
T: 4006900926

E: Proteintech-CN@ptglab.com

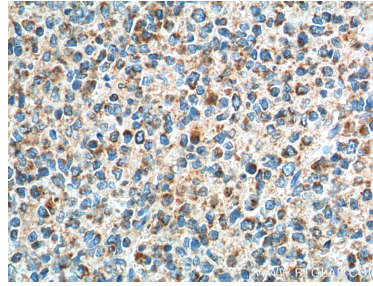
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## Selected Validation Data



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).