

For Research Use Only

GPR65 Polyclonal antibody

Catalog Number: 20306-1-AP

1 Publications



Basic Information

Catalog Number:

20306-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 393 ug/ml by Bradford method using BSA as the standard;

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

Positive Controls:

IHC : human tonsillitis tissue,

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

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

*** 20ul sizes contain 0.1% BSA

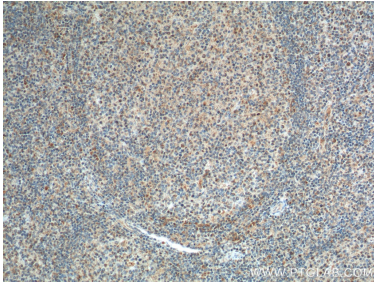
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

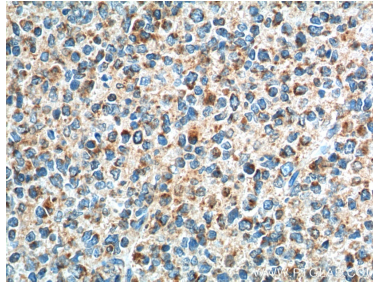
E: proteintech@ptglab.com
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Selected Validation Data



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).