

For Research Use Only

GPR22 Polyclonal antibody

Catalog Number:19951-1-AP



Basic Information

Catalog Number:

19951-1-AP

Size:

150ul , Concentration: 260 ug/ml by Nanodrop and 160 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005295

GeneID (NCBI):

2845

UNIPROT ID:

Q99680

Full Name:

G protein-coupled receptor 22

Calculated MW:

49 kDa

Observed MW:

49 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

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:

WB : mouse heart tissue, mouse brain tissue, rat brain tissue

IHC : human testis tissue,

Background Information

GPR22 Belongs to the G-protein coupled receptor 1 family. GPR22 is an Orphan receptor. The antibody recognize the C-term of GPR22.

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:

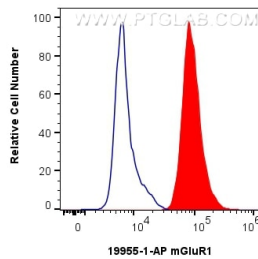
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

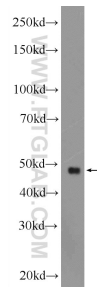
W: ptglab.com

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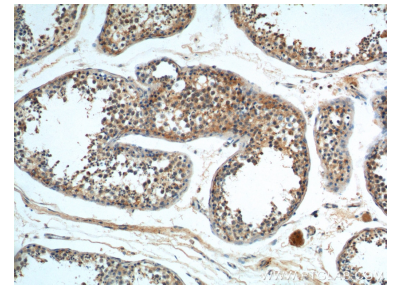
Selected Validation Data



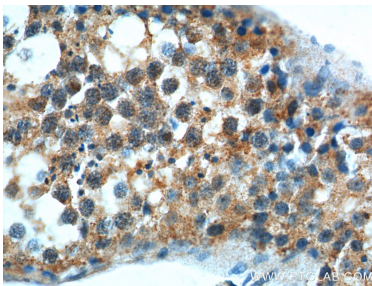
1x10⁶ SH-SY5Y cells were intracellularly stained with 0.4 ug GPR22 Polyclonal antibody (19951-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



mouse heart tissue were subjected to SDS PAGE followed by western blot with 19951-1-AP (GPR22 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 19951-1-AP (GPR22 Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 19951-1-AP (GPR22 Antibody) at dilution of 1:100 (under 40x lens).