

For Research Use Only

# GPR148 Polyclonal antibody

Catalog Number: 25996-1-AP



## Basic Information

<b>Catalog Number:</b> 25996-1-AP	<b>GenBank Accession Number:</b> BC105013	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 344561	<b>Recommended Dilutions:</b> IHC: 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TDV2	
<b>Isotype:</b> IgG	<b>Full Name:</b> G protein-coupled receptor 148	
<b>Immunogen Catalog Number:</b> AG22948	<b>Calculated MW:</b> 347 aa, 38 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse testis tissue,
<b>Species Specificity:</b> human, mouse	
<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

GPR148, also known as BTR or PGR6, belongs to a G protein-coupled receptor (GPCR) family. It is primarily expressed in the brain and testis, suggesting a role in specific sensory functions and possibly in reproductive processes. As a GPCR, GPR148 is likely to be involved in signal transduction pathways triggered by the binding of specific ligands, such as odorants or other small molecules.

## Storage

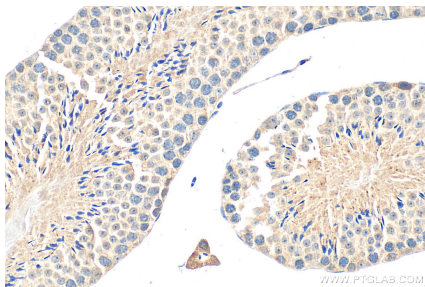
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

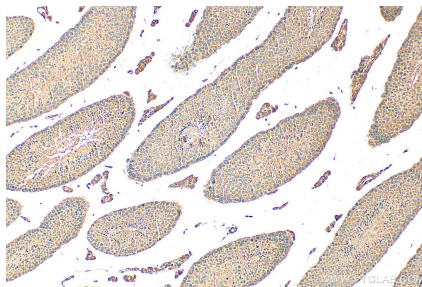
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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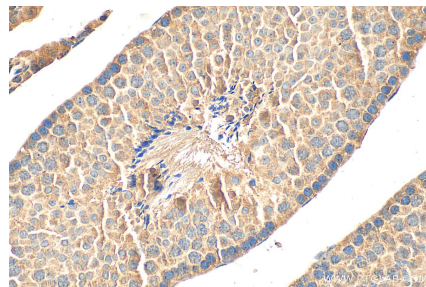
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 25996-1-AP (GPR148 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 mouse testis tissue slide using 25996-1-AP (GPR148 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 mouse testis tissue slide using 25996-1-AP (GPR148 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).