**HTR4**

Polyclonal ANTIBODY

Catalog Number: 21165-1-AP  
1 Publications

### Basic Information

<table>
<thead>
<tr>
<th>Catalog Number:</th>
<th>GenBank Accession Number:</th>
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</thead>
<tbody>
<tr>
<td>21165-1-AP</td>
<td>BC094795</td>
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<table>
<thead>
<tr>
<th>Source:</th>
<th>Full Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>5-hydroxytryptamine (serotonin) receptor 4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Isotype:</th>
<th>Purification Method:</th>
</tr>
</thead>
<tbody>
<tr>
<td>IgG</td>
<td>Antigen affinity purification</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Immunogen Catalog Number:</th>
<th>Observed MW:</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG15225</td>
<td>35-38 kDa</td>
</tr>
</tbody>
</table>

### Recommended Dilutions:

**WB**: 1:500-1:1000  
**IHC**: 1:20-1:200  
**IF**: 1:50-1:500

### Tested Applications:

IF, IHC, WB, ELISA

### Cited Applications:

IHC, WB

### Species Specificity:

human, mouse

### Cited Species:

mouse

**Note:** suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

### Background Information

#### Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xinxiu Ren</td>
<td>29198923</td>
<td>Biomed Pharmacother</td>
<td>WB, IHC</td>
</tr>
</tbody>
</table>

### Applications

#### Tested Applications:

IF, IHC, WB, ELISA

#### Cited Applications:

IHC, WB

#### Species Specificity:

human, mouse

#### Cited Species:

mouse

### Storage

Store at -20°C. Stable for one year after shipment.  
Storage Buffer: PBS with 0.1% 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: 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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
mouse liver tissue were subjected to SDS PAGE followed by western blot with 21165-1-AP (HTR4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

Immunohistochemistry of paraffin-embedded human prostate hyperplasia slide using 21165-1-AP (HTR4 Antibody) at dilution of 1:50.

Immunohistochemistry of paraffin-embedded human prostate hyperplasia slide using 21165-1-AP (HTR4 Antibody) at dilution of 1:50.

Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 21165-1-AP (HTR4 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated Anti-Rabbit IgG(H+L).