

For Research Use Only

# GNRHR2 Polyclonal antibody

Catalog Number: 20728-1-AP



## Basic Information

<b>Catalog Number:</b> 20728-1-AP	<b>GenBank Accession Number:</b> NR_002328	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 320 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 114814	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:200 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> gonadotropin-releasing hormone (type 2) receptor 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 30-33 kDa	

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Species Specificity:

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:

**WB:** human brain tissue, human placenta tissue, human stomach tissue

**IHC:** human kidney tissue, human liver cancer tissue, human brain tissue

**IF:** HEK-293 cells,

## Background Information

### 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**

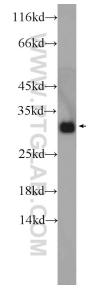
For technical support and original validation data for this product please contact:

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

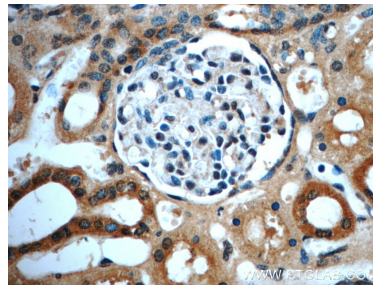
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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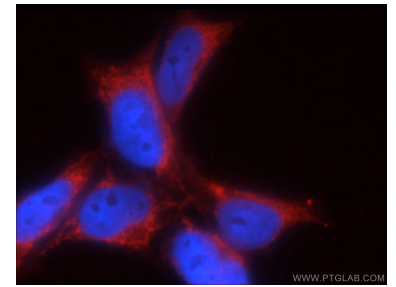
## Selected Validation Data



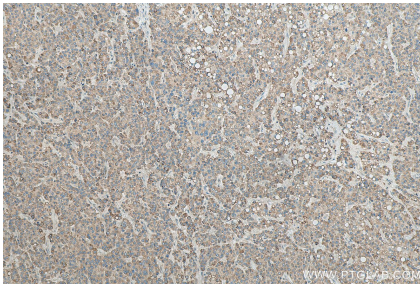
human brain tissue were subjected to SDS PAGE followed by western blot with 20728-1-AP (GNRHR2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



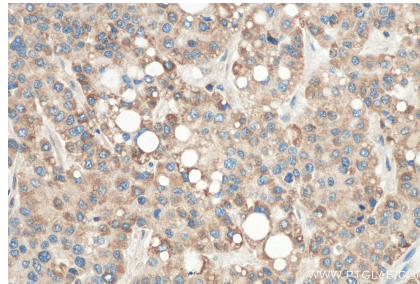
Immunohistochemical analysis of paraffin-embedded human kidney slide using 20728-1-AP (GNRHR2 Antibody) at dilution of 1:50.



Immunofluorescent analysis of HEK-293 cells using 20728-1-AP (GNRHR2 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 20728-1-AP (GNRHR2 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 liver cancer tissue slide using 20728-1-AP (GNRHR2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).