

For Research Use Only

# TPH2 Polyclonal antibody

Catalog Number: 22590-1-AP

2 Publications



## Basic Information

Catalog Number:

22590-1-AP

Size:

310 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18408

GenBank Accession Number:

BC114442

GeneID (NCBI):

121278

UNIPROT ID:

Q8IWU9

Full Name:

tryptophan hydroxylase 2

Calculated MW:

490 aa, 56 kDa

Observed MW:

56 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, rat

Cited Species:

rat, mouse

**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 : rat brain tissue,

IHC : human liver cancer tissue, mouse brain tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Norifumi Shioda	31371425	J Neurosci	WB, IHC
Siyuan Song	37405574	Neurosci Bull	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

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

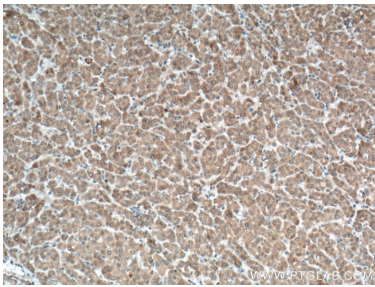
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

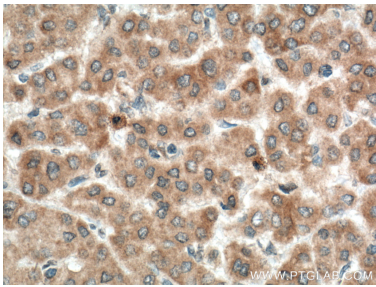
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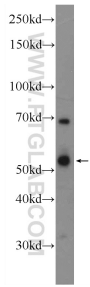
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 22590-1-AP (TPH2 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 22590-1-AP (TPH2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



rat brain tissue were subjected to SDS PAGE followed by western blot with 22590-1-AP (TPH2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.