

For Research Use Only

TPH2 Polyclonal antibody

Catalog Number: 22590-1-AP

2 Publications



Basic Information

Catalog Number:

22590-1-AP

Size:

150ul, Concentration: 313 µg/ml by Bradford method using BSA as the standard;

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:

WB, IHC, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, rat

Cited Species:

rat, mouse

Positive Controls:

WB : rat brain tissue,

IHC : human liver cancer tissue, mouse brain tissue

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

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

*** 20ul sizes contain 0.1% BSA

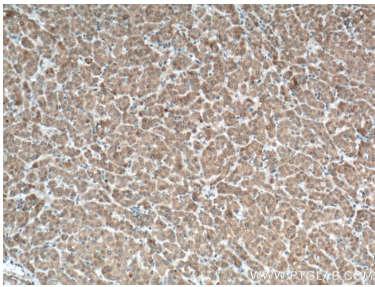
For technical support and original validation data for this product please contact:

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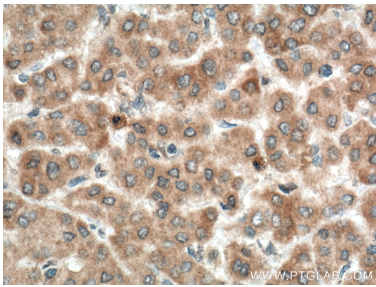
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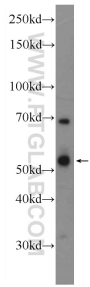
Selected Validation Data



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.