

AGXT2L1 Polyclonal antibody

Catalog Number: 17042-1-AP

1 Publications

Basic Information

Catalog Number:

17042-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10584

GenBank Accession Number:

BC022526

GeneID (NCBI):

64850

UNIPROT ID:

Q8TBG4

Full Name:

alanine-glyoxylate aminotransferase
2-like 1

Calculated MW:

499 aa, 56 kDa

Observed MW:

50-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

Human, Mouse

Cited Species:

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 : mouse liver tissue,

IHC : mouse brain tissue, mouse liver tissue

Background Information

Alanine-glyoxylate aminotransferase 2-like 1 (AGXT2L1), also called ethanolamine phosphate phospholyase (ETNPPL), is a brain enzyme, so-named after its similarity to AGXT2 (36% sequence identity), that may be involved in the pathogenesis of severe neuropsychiatric disturbances (PMID: 23761375). AGXT2L1 is significantly down-regulated in cancerous tissues and may be a tumor suppressor (PMID: 26294768, 32724374).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|----------------|-----------|--------------|-------------|
| Miaomiao Zhang | 38937806 | J Transl Med | WB |

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

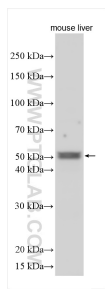
For technical support and original validation data for this product please contact:

T: 4006900926

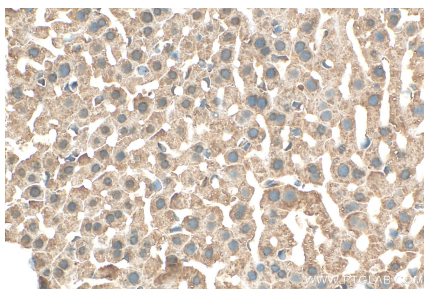
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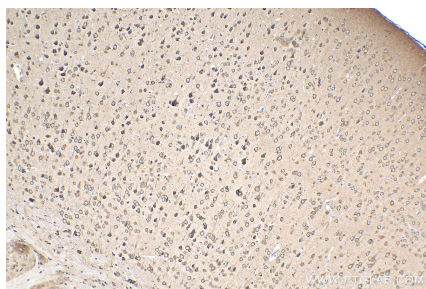
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17042-1-AP (AGXT2L1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 17042-1-AP (AGXT2L1 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 brain tissue slide using 17042-1-AP (AGXT2L1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).