

For Research Use Only

AGXT2L1 Polyclonal antibody

Catalog Number: 17042-1-AP **1 Publications**



Basic Information

Catalog Number: 17042-1-AP	GenBank Accession Number: BC022526	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 64850	Recommended Dilutions: WB 1:2000-1:12000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8TBG4	
Isotype: IgG	Full Name: alanine-glyoxylate aminotransferase 2-like 1	
Immunogen Catalog Number: AG10584	Calculated MW: 499 aa, 56 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse liver tissue, IHC : mouse brain tissue, mouse liver tissue
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	

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

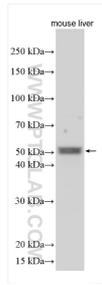
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

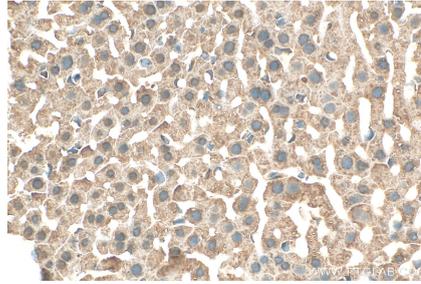
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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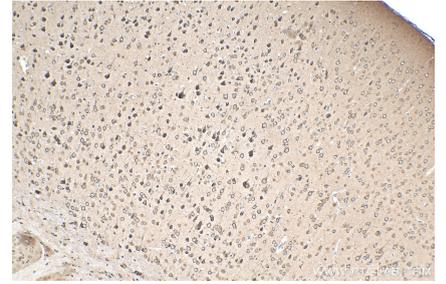
Selected Validation Data



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).