

For Research Use Only

AGXT2L2 Polyclonal antibody

Catalog Number: 16449-1-AP



Basic Information

Catalog Number: 16449-1-AP	GenBank Accession Number: BC008009	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 ug/ml by Nanodrop;	GeneID (NCBI): 85007	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8IUZ5	
Isotype: IgG	Full Name: alanine-glyoxylate aminotransferase 2-like 2	
Immunogen Catalog Number: AG8391	Calculated MW: 450aa,50 kDa; 175aa,19 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse heart tissue, rat heart
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human prostate cancer tissue,

Background Information

AGXT2L2, also known as alanine-glyoxylate aminotransferase 2-like 2 or PHYKPL (5-phosphohydroxy-L-lysine phospho-lyase), is a nuclear gene encoding a mitochondrial enzyme. It belongs to the class-III pyridoxal phosphate-dependent aminotransferase family and shares approximately 36% sequence identity with AGXT2.

Storage

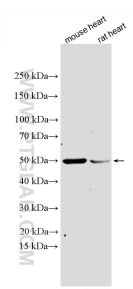
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

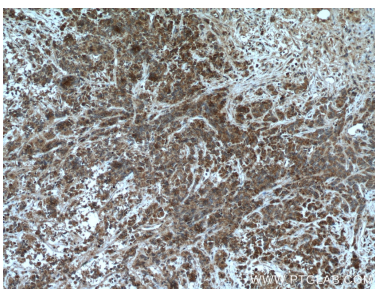
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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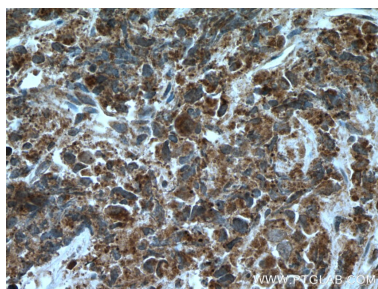
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16449-1-AP (AGXT2L2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 16449-1-AP (AGXT2L2 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 prostate cancer tissue slide using 16449-1-AP (AGXT2L2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).