

For Research Use Only

ABAT Polyclonal antibody

Catalog Number: 11349-1-AP **7 Publications**



Basic Information

Catalog Number: 11349-1-AP	GenBank Accession Number: BC015628	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 18	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P80404	
Isotype: IgG	Full Name: 4-aminobutyrate aminotransferase	
Immunogen Catalog Number: AG1877	Calculated MW: 500 aa, 56 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, IHC, IP, ELISA	Positive Controls: WB : HepG2 cells, mouse brain tissue, rat brain tissue IP : mouse liver tissue, IHC : Customer Sample customer,
Cited Applications: WB, IHC, IF	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse, rat	
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
Ping Wang	26041994	Front Cell Neurosci	IF
De Huang	35145222	Nat Cell Biol	WB,IHC
Honglin Jia	39380353	J Sleep Res	WB,IHC

Storage

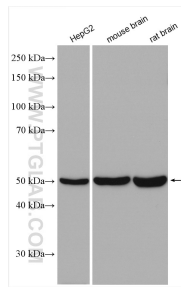
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

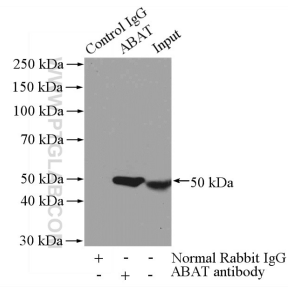
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

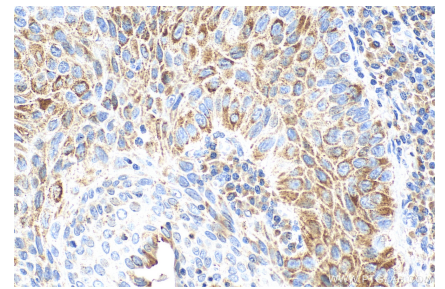
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11349-1-AP (ABAT antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-ABAT (IP:11349-1-AP, 4 μ g; Detection:11349-1-AP 1:500) with mouse liver tissue lysate 4000 μ g.



Immunohistochemical analysis of paraffin-embedded Customer Sample customer slide using 11349-1-AP (ABAT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).