

For Research Use Only

AMPD2 Polyclonal antibody

Catalog Number: 15710-1-AP **1 Publications**



Basic Information

Catalog Number: 15710-1-AP	GenBank Accession Number: BC007711	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 400 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 271	Recommended Dilutions: WB 1:500-1:2400 IHC 1:100-1:400
Source: Rabbit	UNIPROT ID: Q01433	
Isotype: IgG	Full Name: adenosine monophosphate deaminase 2 (isoform L)	
Immunogen Catalog Number: AG8335	Calculated MW: 879aa, 101 kDa; 798aa, 92 kDa	
	Observed MW: 101 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : human liver tissue, IHC : human cerebellum tissue,
Cited Applications: IHC	
Species Specificity: human, mouse, rat	
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

Adenosine monophosphate deaminase (AMPD) catalyzes the deamination of AMP to IMP and plays an important role in the purine nucleotide cycle. Three AMPDs are present in mammals named AMPD1/2/3. AMPD2 is the main activity present in adult human liver and is widely expressed in non-muscle tissues and cells (PMID: 8526848). AMPD2 has some isoforms with the molecular mass of 88-101 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Qi-Zhong Gao	32874974	World J Clin Cases	IHC

Storage

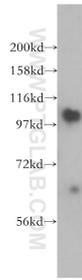
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

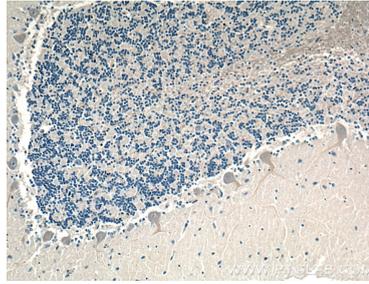
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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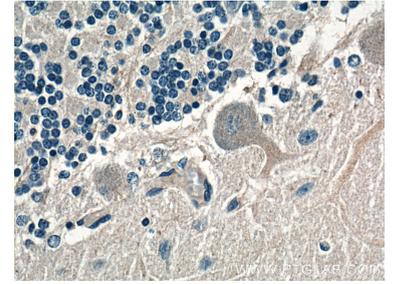
Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 15710-1-AP (AMPD2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 15710-1-AP (AMPD2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 15710-1-AP (AMPD2 Antibody) at dilution of 1:200 (under 40x lens).