

For Research Use Only

ETHE1 Polyclonal antibody

Catalog Number: 27786-1-AP **1 Publications**



Basic Information

Catalog Number: 27786-1-AP	GenBank Accession Number: BC008250	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23474	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O95571	
Isotype: IgG	Full Name: ethylmalonic encephalopathy 1	
Immunogen Catalog Number: AG26597	Calculated MW: 28 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : BGC-823 cells, HeLa cells, mouse liver tissue IHC : human liver tissue, human colon cancer tissue
Cited Applications: WB, IHC	
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

ETHE1, a gene encoding a b-lactamase-like, iron-coordinating metalloprotein, is mutated in ethylmalonic encephalopathy. In humans, ETHE1 gene is proved to encode the SDO in mitochondria and its mutations lead to a fatal autosomal recessive mitochondrial disease: ethylmalonic encephalopathy.

Notable Publications

Author	Pubmed ID	Journal	Application
Yiwei Liu	38839744	Cell Death Dis	WB,IHC

Storage

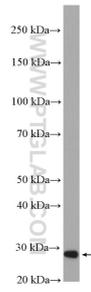
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

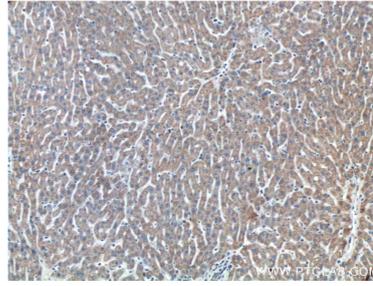
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

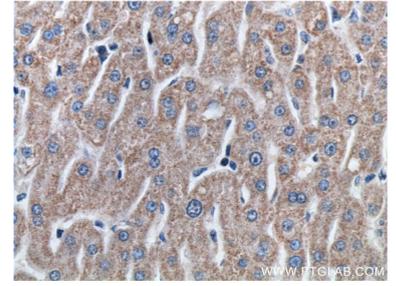
Selected Validation Data



BGC-823 cells were subjected to SDS PAGE followed by western blot with 27786-1-AP (ETHE1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 27786-1-AP (ETHE1 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 27786-1-AP (ETHE1 antibody) at dilution of 1:200 (under 40x lens).