

BCHE Polyclonal antibody

Catalog Number: 23854-1-AP

2 Publications

Basic Information

Catalog Number:

23854-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20888

GenBank Accession Number:

BC008396

GeneID (NCBI):

590

UNIPROT ID:

P06276

Full Name:

butyrylcholinesterase

Calculated MW:

602 aa, 68 kDa

Observed MW:

85-90 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:20-1:200

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

IF, WB

Species Specificity:

human

Cited Species:

human, goat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, HEK-293 cells

IHC : human liver tissue,

IF : HeLa cells,

Background Information

BCHE(butyrylcholinesterase) is an enzyme expressed in most human tissues. It may have a greater role in cholinergic transmission than previously surmised, making BChE inhibition an important therapeutic goal in Alzheimer's disease(PMID:11848688). BCHE is also named as CHE1 and belongs to the type-B carboxylesterase/lipase family. This is a glycoprotein with the molecular weight from 68 kDa to 90 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuan Yuan Li	30899600	Nat Biomed Eng	WB
Jia-Hao Wang	37508483	Cells	WB, IF

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

For technical support and original validation data for this product please contact:

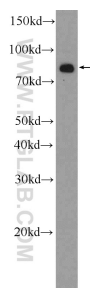
T: 4006900926

E: Proteintech-CN@ptglab.com

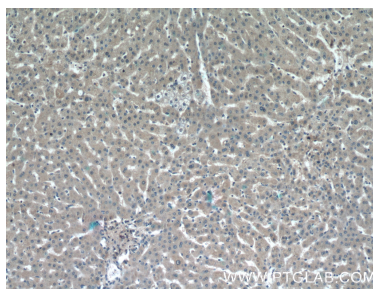
W: ptgcn.com

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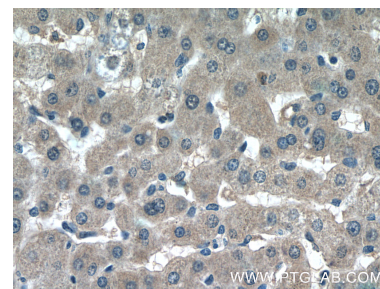
Selected Validation Data



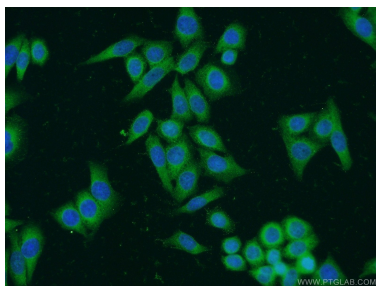
HeLa cells were subjected to SDS PAGE followed by western blot with 23854-1-AP (BCHE Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 23854-1-AP (BCHE Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 23854-1-AP (BCHE Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 23854-1-AP (BCHE antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).