

For Research Use Only

# BBOX1 Polyclonal antibody

Catalog Number: 16099-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

16099-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 360 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG8964

### GenBank Accession Number:

BC011034

### GeneID (NCBI):

8424

### UNIPROT ID:

O75936

### Full Name:

butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gamma-butyrobetaine hydroxylase) 1

### Calculated MW:

387 aa, 45 kDa

### Observed MW:

45 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:500-1:1000

IF/ICC: 1:10-1:100

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : human brain tissue,

IF/ICC : HepG2 cells,

## Notable Publications

| Author        | Pubmed ID | Journal                           | Application |
|---------------|-----------|-----------------------------------|-------------|
| Senlin Lian   | 40344326  | Adv Sci (Weinh)                   | WB,IP,IF    |
| Jiazhen Huang | 39181218  | Biochim Biophys Acta Mol Cell Res | WB,IHC      |
| Jing Wang     | 35775648  | EMBO J                            | 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, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

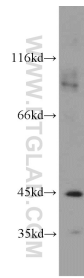
For technical support and original validation data for this product please contact:

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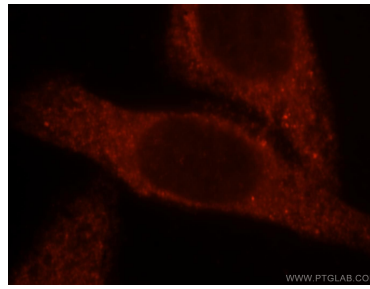
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## Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 16099-1-AP (BBOX1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using BBOX1 antibody 16099-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).