

BRE Polyclonal antibody

Catalog Number: 11702-1-AP

3 Publications

Basic Information

Catalog Number:

11702-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2256

GenBank Accession Number:

BC001251

GeneID (NCBI):

9577

UNIPROT ID:

Q9NXR7

Full Name:

brain and reproductive organ-expressed (TNFRSF1A modulator)

Calculated MW:

383 aa, 44 kDa

Observed MW:

40-44 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB

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

Positive Controls:

WB : HeLa cells, HepG2 cells, NIH/3T3 cells

IP : HeLa cells,

IHC : human gliomas tissue,

Background Information

BRE, also named as BRCC45, is a death receptor-associated antiapoptotic protein, which is also involved in DNA-damage repair, and K63-specific deubiquitination. BRE and its XIAP-sustaining mechanism could represent novel targets for anti-cancer therapy. BRE may regulate TNF-α signaling through its interactions with TNFRSF1A. It plays a role in homeostasis or cellular differentiation in cells of neural, epithelial and germline origins. BRE gene has four isoforms with MW 42-47 kDa.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------|-----------|----------------|-------------|
| Xiaofei Zhang | 28190767 | Mol Cell | WB |
| Mu Yun | 34975328 | Int J Biol Sci | WB |
| Wang Bin B | 19261749 | Genes Dev | WB |

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

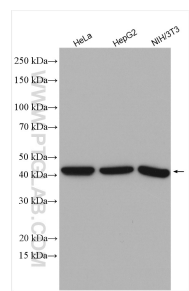
For technical support and original validation data for this product please contact:

T: 4006900926

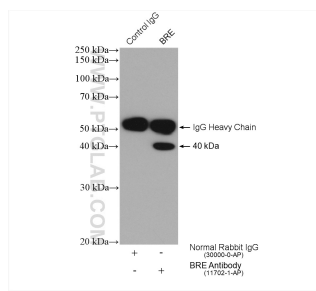
E: Proteintech-CN@ptglab.comW: ptgcn.com

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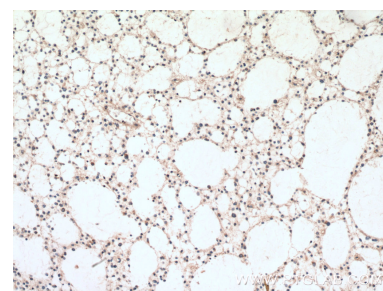
Selected Validation Data



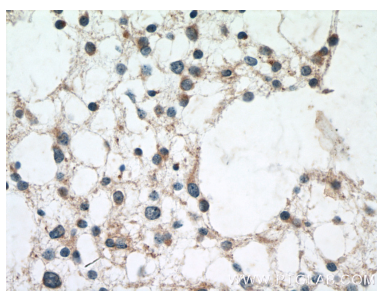
Various lysates were subjected to SDS PAGE followed by western blot with 11702-1-AP (BRE antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-BRE (IP:11702-1-AP, 4ug; Detection:11702-1-AP 1:1000) with HeLa cells lysate 2320 ug.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11702-1-AP (BRE antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11702-1-AP (BRE antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).