

For Research Use Only

BRE Monoclonal antibody

Catalog Number: 66356-1-Ig



Basic Information

Catalog Number: 66356-1-Ig	GenBank Accession Number: BC001251	Purification Method: Protein A purification
Size: 1800 µg/ml	GeneID (NCBI): 9577	CloneNo.: 2E5A5
Source: Mouse	UNIPROT ID: Q9NXR7	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG2a	Full Name: brain and reproductive organ- expressed (TNFRSF1A modulator)	
Immunogen Catalog Number: AG2256	Calculated MW: 383 aa, 44 kDa	
	Observed MW: 42-47 kDa	

Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Species Specificity:

human, rat, mouse

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 : fetal human brain tissue, rat brain tissue

IHC : mouse brain tissue, human gliomas tissue

IF : mouse brain 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-alpha 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.

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:

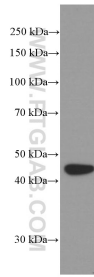
T: 4006900926

E: Proteintech-CN@ptglab.com

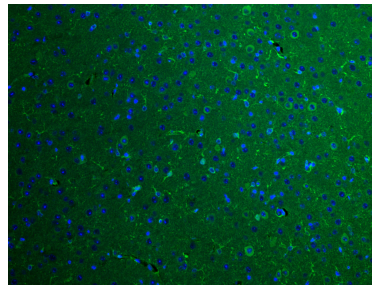
W: ptgcn.com

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

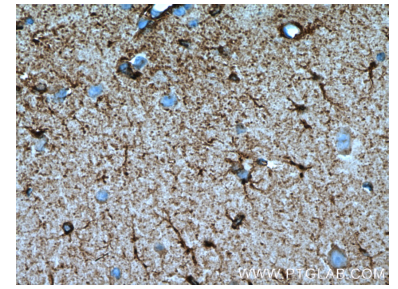
Selected Validation Data



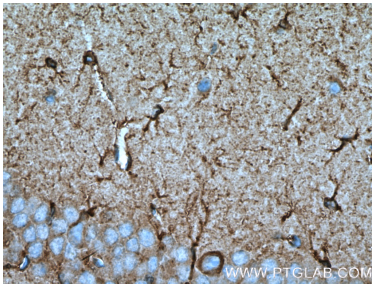
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66356-1-Ig (BRE Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using BRE antibody (66356-1-Ig, Clone: 2E5A5) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66356-1-Ig (BRE Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66356-1-Ig (BRE Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).