

For Research Use Only

BRMS1 Polyclonal antibody

Catalog Number: 16096-1-AP

Featured Product

3 Publications



Basic Information

| | | |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Catalog Number: 16096-1-AP | GenBank Accession Number: BC009834 | Purification Method: Antigen affinity purification |
| Size: 150ul, Concentration: 200 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 25855 | Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF/ICC 1:200-1:800 |
| Source: Rabbit | UNIPROT ID: Q9HCU9 | |
| Isotype: IgG | Full Name: breast cancer metastasis suppressor 1 | |
| Immunogen Catalog Number: AG8939 | Calculated MW: 246 aa, 28 kDa | |
| | Observed MW: 28 kDa | |

Applications

| | |
|-------------------------------------------------------|--------------------------------------------------------------|
| Tested Applications: WB, IHC, IF/ICC, ELISA | Positive Controls: WB : MCF-7 cells, HEK-293 cells |
| Cited Applications: WB, IP | IHC : human brain tissue, |
| Species Specificity: human | IF/ICC : MCF-7 cells, |
| 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

Breast cancer metastasis suppressor 1 (BRMS1) was originally identified as a metastasis suppressor gene in human breast cancer. BRMS1 has since been reported to suppress metastasis in a variety of cancer types such as melanoma, ovarian carcinoma, and non-small lung cancer.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|--------------|-------------|
| Jianming Dou | 30365131 | Oncol Rep | WB,IP |
| Songyun Zhao | 39143438 | J Neurooncol | WB |
| Zhixian Guo | 29295726 | Oncol Res | WB |

Storage

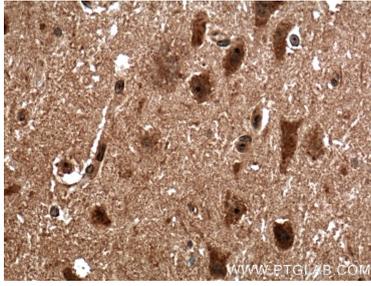
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

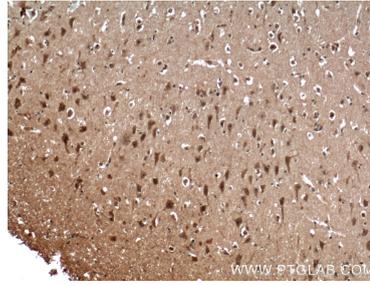
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

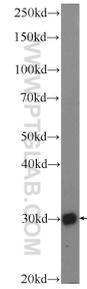
Selected Validation Data



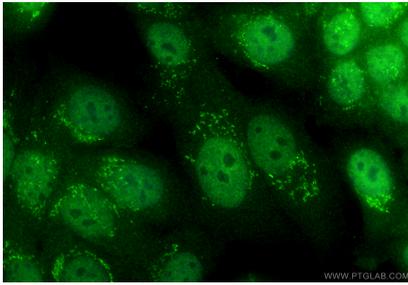
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 16096-1-AP (BRMS1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 16096-1-AP (BRMS1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



MCF-7 cells were subjected to SDS PAGE followed by western blot with 16096-1-AP (BRMS1 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using BRMS1 antibody (16096-1-AP) at dilution of 1:400 and CoralLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).