

For Research Use Only

BAIAP3 Polyclonal antibody

Catalog Number: 24836-1-AP

2 Publications



Basic Information

Catalog Number:

24836-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21219

GenBank Accession Number:

BC104966

GeneID (NCBI):

8938

UNIPROT ID:

O94812

Full Name:

BAI1-associated protein 3

Calculated MW:

1187 aa, 132 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:200-1:1000

IHC: 1:50-1:500

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

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 : mouse brain tissue,

IHC : mouse brain tissue,

IF/ICC : SH-SY5Y cells,

Background Information

Bai1 associated protein 3 (BAIAP3) is also named as BAP3 and KIAA0734, and belongs to the unc-13 family. It has the function of retrograde transport of endosomes to the Golgi apparatus. BAIAP3 may regulate behavior and food intake by controlling calcium-stimulated exocytosis of neurotransmitters including NPY and serotonin and hormones like insulin (PMID:286260000).

Notable Publications

Author	Pubmed ID	Journal	Application
Wen-Qing Huang	33561007	Aging (Albany NY)	WB
Ada M-C Ho	32339108	J Affect Disord	WB

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

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

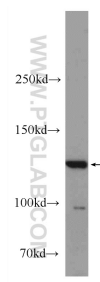
T: 4006900926

E: Proteintech-CN@ptglab.com

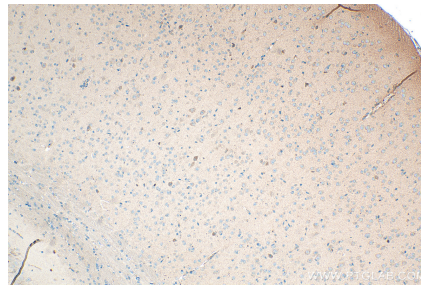
W: ptgcn.com

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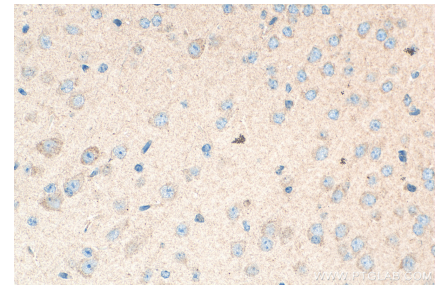
Selected Validation Data



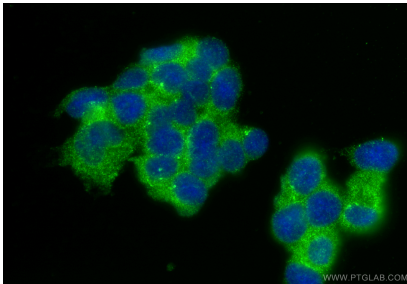
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24836-1-AP (BAIAP3 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24836-1-AP (BAIAP3 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 24836-1-AP (BAIAP3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using BAIAP3 antibody (24836-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).