

For Research Use Only

A2BP1 Polyclonal antibody, PBS Only

Catalog Number: 22647-1-PBS

Featured Product



Basic Information

Catalog Number:

22647-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18527

GenBank Accession Number:

BC113691

GeneID (NCBI):

54715

UNIPROT ID:

Q9NWB1

Full Name:

ataxin 2-binding protein 1

Calculated MW:

395 aa, 42 kDa

Observed MW:

45-70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF-P, IP, Indirect ELISA

Species Specificity:

human, mouse

Background Information

A2BP1, also named as FOX1 and HRNBP1, contains one RRM (RNA recognition motif) domain. A2BP1 recognizes a (U)GCAUG stretch in regulated exons or in flanking introns. The protein binds to the C-terminus of ataxin-2 and may contribute to the restricted pathology of spinocerebellar ataxia type 2 (SCA2). Ataxin-2 is the product of the SCA2 gene which causes familial neurodegenerative diseases. A2BP1 and ataxin-2 are both localized in the trans-Golgi network. This is a rabbit polyclonal antibody raised against the N terminus of human A2BP1. A2BP1 has two mouse isoforms (A2BP1-A016 and -A030) exogenously expressed in COS7 cells showed a molecular mass of 65 kDa, although the calculated molecular masses of A016 and A030 are 40 and 42 kDa, respectively in the course of cell biological study.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

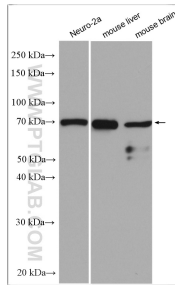
T: 4006900926

E: Proteintech-CN@ptglab.com

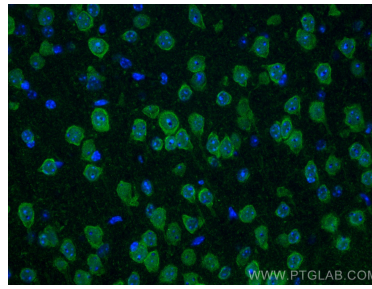
W: ptgcn.com

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

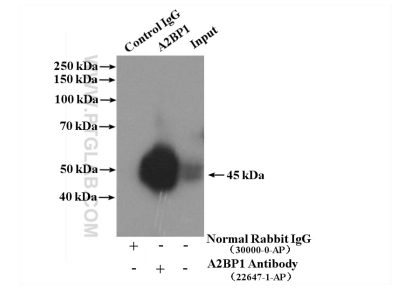
Selected Validation Data



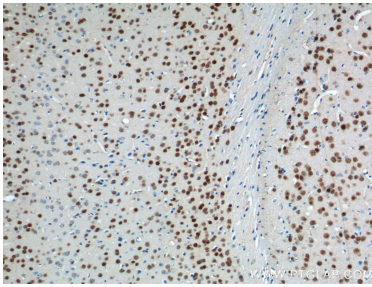
Various lysates were subjected to SDS PAGE followed by western blot with 22647-1-AP (A2BP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22647-1-PBS in a different storage buffer formulation.



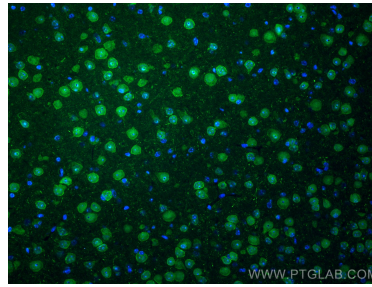
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using A2BP1 antibody (22647-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 22647-1-PBS in a different storage buffer formulation.



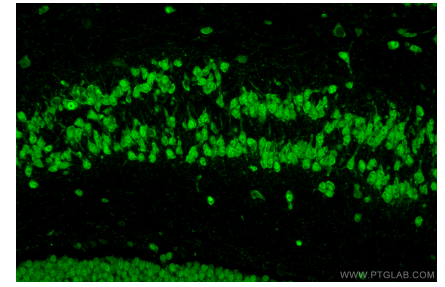
IP result of anti-A2BP1 (IP:22647-1-AP, 4ug; Detection:22647-1-AP 1:500) with mouse brain tissue lysate 4000ug. This data was developed using the same antibody clone with 22647-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 22647-1-AP (A2BP1 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 22647-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using A2BP1 antibody (22647-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 22647-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using A2BP1 antibody (22647-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22647-1-PBS in a different storage buffer formulation.