

For Research Use Only

# A2BP1 Recombinant antibody

Catalog Number: 85732-2-RR



## Basic Information

Catalog Number:

85732-2-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

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:

45-60 kDa

Purification Method:

Protein A purification

CloneNo.:

243149B4

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

## 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.

## 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

\*\*\* 20ul sizes contain 0.1% BSA

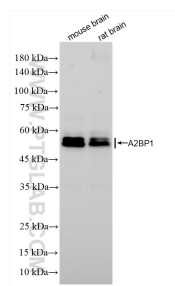
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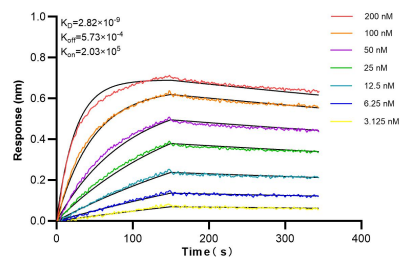
E: proteintech@ptglab.com  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85732-2-RR (A2BP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85732-2-RR against Human A2BP1 were performed. The affinity constant is 2.82 nM.