

For Research Use Only

CC2D1B Polyclonal antibody

Catalog Number: 20774-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

20774-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14767

GenBank Accession Number:

BC007912

GeneID (NCBI):

200014

UNIPROT ID:

Q5T0F9

Full Name:

coiled-coil and C2 domain containing 1B

Calculated MW:

858 aa, 94 kDa

Observed MW:

120 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, human placenta tissue, mouse kidney tissue, SH-SY5Y cells

IP : mouse brain tissue,

Background Information

CC2D1B/Freud2 and CC2D1A/Freud1 are two homologs belonging to the evolutionary conserved Lgd protein family that is involved in endosomal trafficking. CC2D1B has been identified as the novel repressor of postsynaptic 5-HT1A expression. The predicted molecular weight of CC2D1B is 89 kDa, but the observed molecular weight is around 120 kDa, which may be caused by post-translational modification. This antibody is specific to CC2D1B, which has been confirmed by siRNA test. (19423080, 2672064)

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------------|-----------|--------------------|-------------|
| Jenica Acheta | 35592111 | Front Mol Neurosci | WB |
| Belin Sophie | 31379499 | Front Mol Neurosci | WB,IF |
| Nadja Drusenheimer | 26720614 | PLoS Genet | WB,IF |

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:

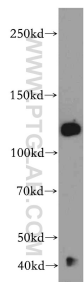
T: 4006900926

E: Proteintech-CN@ptglab.com

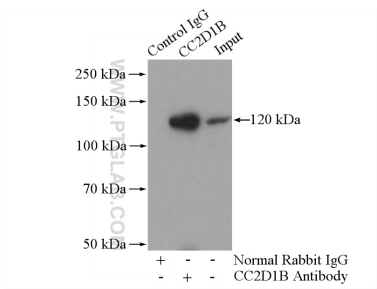
W: ptgcn.com

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 20774-1-AP (CC2D1B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-CC2D1B (IP:20774-1-AP, 4ug; Detection:20774-1-AP 1:500) with mouse brain tissue lysate 2560ug.