

For Research Use Only

ACAP3 Polyclonal antibody

Catalog Number: 17570-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

17570-1-AP

Concentration:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11777

GenBank Accession Number:

BC047001

GeneID (NCBI):

116983

UNIPROT ID:

Q96P50

Full Name:

ArfGAP with coiled-coil, ankyrin repeat and PH domains 3

Calculated MW:

834 aa, 92 kDa

Observed MW:

85kda, 92 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : Jurkat cells, SH-SY5Y cells

IF/ICC : SH-SY5Y cells,

Background Information

ACAP3 (Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 3), also known as CENTB5, is a protein-coding gene that belongs to the ACAP family of GTPase-activating proteins (GAPs). ACAP3 is involved in neuronal migration in the developing cerebral cortex of mice. Knockdown of ACAP3 in the developing cortical neurons of mice in utero significantly abrogated neuronal migration in the cortical layer, ACAP3 is involved in neuronal migration in the developing cerebral cortex of mice. Knockdown of ACAP3 in the developing cortical neurons of mice in utero significantly abrogated neuronal migration in the cortical layer (PMID: 28919417),

Notable Publications

Author	Pubmed ID	Journal	Application
Yuki Miura	28919417	Biochem Biophys Res Commun	WB
Yuki Miura	27330119	Biochem J	WB,IF
Heather Tsong	37464898	Autophagy	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

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

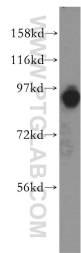
T: 4006900926

E: Proteintech-CN@ptglab.com

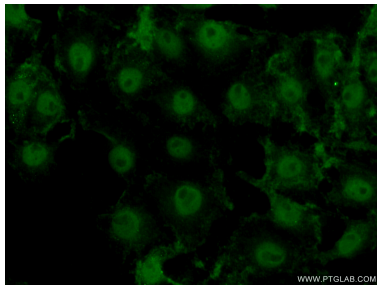
W: ptgcn.com

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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 17570-1-AP (ACAP3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed SH-SY5Y cells using 17570-1-AP (ACAP3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).