For Research Use Only

C9orf7 / CACFD1 Polyclonal antibody

Catalog Number:21330-1-AP

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Basic Information

Catalog Number:
21330-1-AP

Size:
400 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG15336

GenBank Accession Number:
BC030558

GeneID (NCBI):
11094

UNIPROT ID:
Q9UGQ2

Full Name:
chromosome 9 open reading frame 7

Calculated MW:
172 aa, 18 kDa

Observed MW:
~25 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse testis tissue, rat testis tissue

Background Information

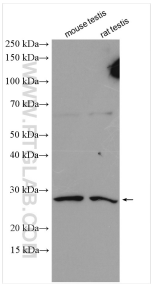
Calcium Channel Flower Domain Containing 1 (CACFD1) also named as C9orf7 or human Flower protein (hFWE). In Drosophila, cell selection uses a cell selection mechanism based on 'fitness fingerprints', which allow it to delay ageing, prevent developmental malformations and replace old tissues during regeneration. At the molecular level, these fitness fingerprints consist of combinations of Flower membrane proteins. Proteins that indicate reduced fitness are called Flower-Lose, because they are expressed in cells marked to be eliminated. It has different isoforms, the calculated MW rang from 14-25 kDa. 21330-1-AP can detect a band around 25 kDa.(PMID:31341286)

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21330-1-AP (C9orf7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.