

For Research Use Only

# C9orf7 / CACFD1 Polyclonal antibody

Catalog Number: 21330-1-AP



## Basic Information

<b>Catalog Number:</b> 21330-1-AP	<b>GenBank Accession Number:</b> BC030558	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11094	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UGQ2	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 9 open reading frame 7	
<b>Immunogen Catalog Number:</b> AG15336	<b>Calculated MW:</b> 172 aa, 18 kDa	
	<b>Observed MW:</b> ~25 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse testis tissue, rat testis tissue
<b>Species Specificity:</b> human, mouse, rat	

## 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

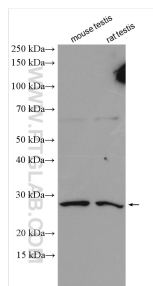
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

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