

For Research Use Only

# C19orf50 Polyclonal antibody

Catalog Number: 20492-1-AP



## Basic Information

|   |   |  |
|---|---|--|
| <b>Catalog Number:</b><br>20492-1-AP        | <b>GenBank Accession Number:</b><br>BC001080                | <b>Purification Method:</b><br>Antigen affinity purification                             |
| <b>Size:</b><br>300 µg/ml                   | <b>GeneID (NCBI):</b><br>79036                              | <b>Recommended Dilutions:</b><br>WB 1:500-1:2000<br>IHC 1:50-1:500<br>IF/ICC 1:200-1:800 |
| <b>Source:</b><br>Rabbit                    | <b>UNIPROT ID:</b><br>Q9BQD3                                |  |
| <b>Isotype:</b><br>IgG                      | <b>Full Name:</b><br>chromosome 19 open reading frame<br>50 |  |
| <b>Immunogen Catalog Number:</b><br>AG13743 | <b>Calculated MW:</b><br>176 aa, 20 kDa                     |  |
|   | <b>Observed MW:</b><br>28 kDa                               |  |

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Species Specificity:**  
human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** A549 cells, Calu-3 cells, NCI-H1299 cells, human placenta tissue

**IHC:** mouse cerebellum tissue,

**IF/ICC:** A549 cells,

## Background Information

C19orf50, also known as KXD1 (KxDL motif-containing protein 1), a human uncharacterized coiled-coil protein, is a BLOS1-interacting protein. C19orf50 has been shown recently to interact with BLOC-1 subunits and may play a role in lysosome movement and localization at the cell periphery. C19orf50 was evaluated in NSCLC and LUAD (PMID: 33936200, 22554196).

## 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:

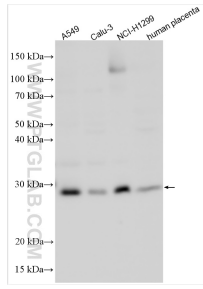
T: 4006900926

E: Proteintech-CN@ptglab.com

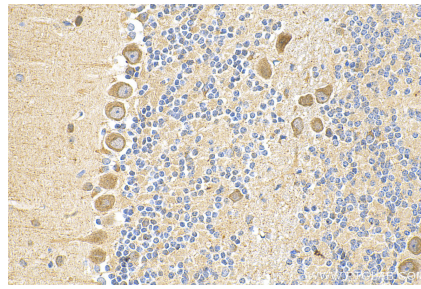
W: ptgcn.com

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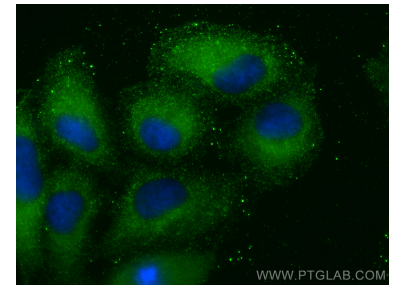
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20492-1-AP (C19orf50 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 20492-1-AP (C19orf50 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using C19orf50 antibody (20492-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).