

For Research Use Only

C19orf50 Polyclonal antibody

Catalog Number: 20492-1-AP



Basic Information

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| Catalog Number: 20492-1-AP | GenBank Accession Number: BC001080 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 300 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 79036 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | UNIPROT ID: Q9BQD3 | IHC 1:50-1:500 |
| Isotype: IgG | Full Name: chromosome 19 open reading frame 50 | IF/ICC 1:200-1:800 |
| Immunogen Catalog Number: AG13743 | Calculated MW: 176 aa, 20 kDa | |
| | Observed MW: 28 kDa | |

Applications

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| Tested Applications: WB, IHC, IF/ICC, ELISA | Positive Controls: |
| Species Specificity: human, mouse | WB : A549 cells, Calu-3 cells, NCI-H1299 cells, human placenta tissue |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | 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

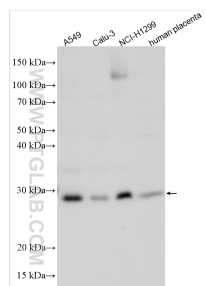
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

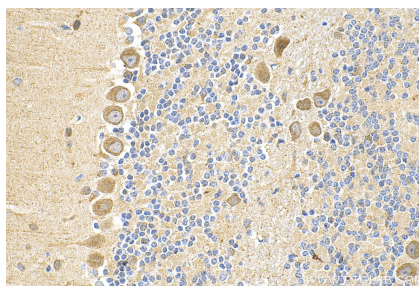
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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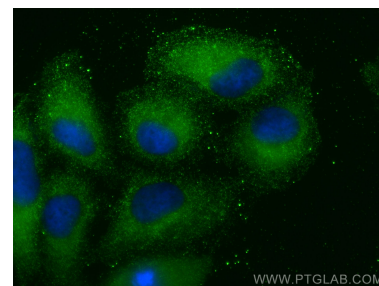
Selected Validation Data



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 Goat Anti-Rabbit IgG(H+L) (SA00013-2).