

For Research Use Only

C19orf50 Polyclonal antibody

Catalog Number: 20492-1-AP



Basic Information

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

Applications

Tested Applications:

WB, IF, IHC, 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

*** 20ul sizes contain 0.1% BSA

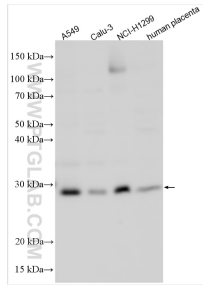
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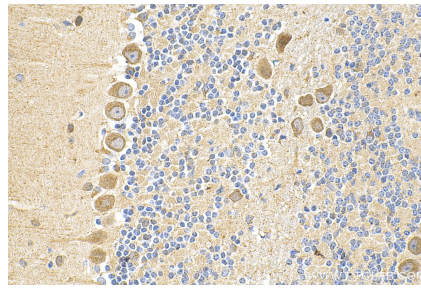
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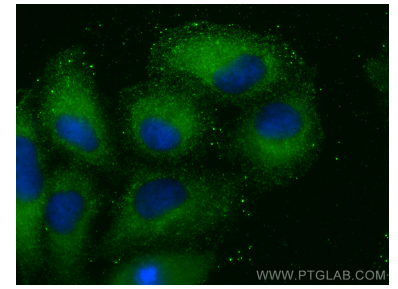
Selected Validation Data



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).