

For Research Use Only

# C9orf117 Polyclonal antibody

Catalog Number: 21012-1-AP



## Basic Information

<b>Catalog Number:</b> 21012-1-AP	<b>GenBank Accession Number:</b> BC141809	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 900 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 286207	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5JU67	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 9 open reading frame 117	
<b>Immunogen Catalog Number:</b> AG15234	<b>Calculated MW:</b> 520 aa, 61 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB: COLO 320 cells, Raji cells IHC: mouse brain tissue,
<b>Species Specificity:</b> human	

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

## Background Information

C9orf117 (Cilia- and flagella-associated protein 157, CFAP157) protein localizes to basal bodies and interacts with tubulin and the centrosomal protein CEP350 (PMID: 27965440).

## 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

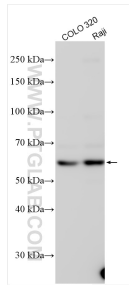
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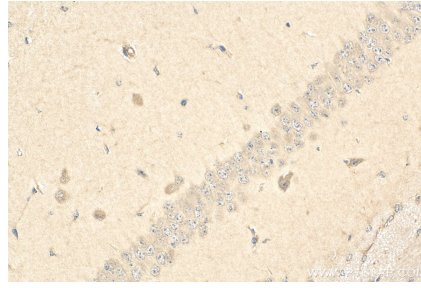
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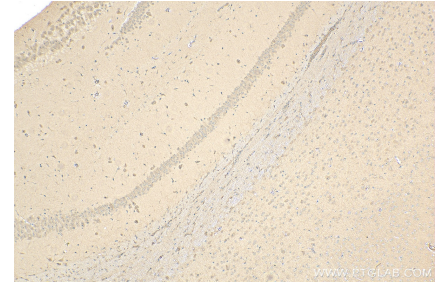
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21012-1-AP (C9orf117 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21012-1-AP (C9orf117 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21012-1-AP (C9orf117 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).