

For Research Use Only

# C9orf89 Polyclonal antibody

Catalog Number:20160-1-AP



## Basic Information

<b>Catalog Number:</b> 20160-1-AP	<b>GenBank Accession Number:</b> BC004500	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84270	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96LW7	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 9 open reading frame 89	
<b>Immunogen Catalog Number:</b> AG14084	<b>Calculated MW:</b> 228 aa, 26 kDa	
	<b>Observed MW:</b> 18-20 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, C2C12 cells, mouse kidney tissue, rat kidney tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

C9orf89 (also known as CARD19 or BinCARD) is a mitochondria-localized protein that inhibits BCL10-induced NF- $\kappa$ B activation mainly through its caspase recruitment structural domain (CARD). It plays a role in T cell receptor (TCR) signaling, but deletion of endogenous CARD19 has a lesser effect on Bcl10-dependent NF- $\kappa$ B activation. In addition, C9orf89 is expressed in multiple cell types and is involved in the regulation of inflammatory and immune responses.

## 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

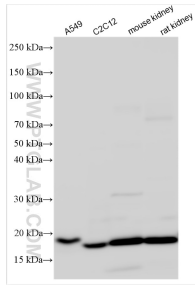
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20160-1-AP (C9orf89 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.