

For Research Use Only

# NLRC3 Polyclonal antibody

Catalog Number: 30455-1-AP



## Basic Information

<b>Catalog Number:</b> 30455-1-AP	<b>GenBank Accession Number:</b> NM_178844	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 197358	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q7RTR2	
<b>Isotype:</b> IgG	<b>Full Name:</b> NLR family, CARD domain containing 3	
<b>Immunogen Catalog Number:</b> AG32323	<b>Calculated MW:</b> 115 kDa	
	<b>Observed MW:</b> 100-110 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Daudi cells, Jurkat cells, Raji cells, Ramos cells
<b>Species Specificity:</b> Human	

## Background Information

NLRC3 is a member of the pattern recognition receptors nucleotide-binding oligomerization domain (NOD)-like receptors (NLRs) family, and plays a pivotal regulatory role in modulating the activation of immune cells. In macrophages, NLRC3 inhibits the activation of the NF- $\kappa$ B signaling pathway, the STING/TBK1 signaling pathway, and the formation of the inflammasome. In the context of T cells immune response, NLRC3 prevents the activation of T cells by regulating the function of dendritic cells and directly influencing the function of T cells.

## Storage

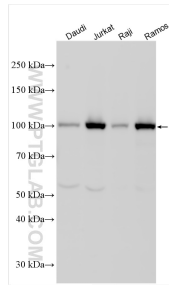
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30455-1-AP (NLRC3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.