

NLRC3 Polyclonal antibody

Catalog Number: 30455-1-AP

Basic Information

Catalog Number:

30455-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32323

GenBank Accession Number:

NM_178844

GeneID (NCBI):

197358

UNIPROT ID:

Q7RTR2

Full Name:

NLR family, CARD domain containing

3

Calculated MW:

115 kDa

Observed MW:

100-110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : Daudi cells, Jurkat cells, Raji cells, Ramos cells

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- κ 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:

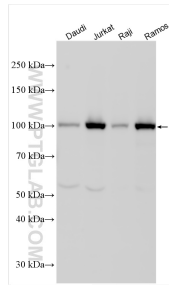
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.