

## NLRC4 Antibody / CARD12 (R32329)

Catalog No.	Formulation	Size
R32329	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	Q9NPP4
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml
<b>Limitations</b>	This NLRC4 antibody is available for research use only.



Western blot testing of 1) human 22RV1, 2) RH35 and 3) mouse NIH3T3 lysate with NLRC4 antibody. Expected/observed molecular weight ~116 kDa.

## Description

NLR family CARD domain-containing protein 4, also known as CARD12, is a protein that in humans is encoded by the NLRC4 gene. It is mapped to 2p22.3. This gene encodes a member of the caspase recruitment domain-containing NLR family. Family members play essential roles in innate immune response to a wide range of pathogenic organisms, tissue damage and other cellular stresses. Mutations in this gene result in autoinflammation with infantile enterocolitis. Alternative splicing results in multiple transcript variants.

## Application Notes

Optimal dilution of the NLRC4 antibody should be determined by the researcher.

## Immunogen

Amino acids KILAQNLHNLVKLSILDLSENYLEKDGNEALHELIDR of human NLRC4/CARD12 were used as the immunogen for the NLRC4 antibody.

## Storage

After reconstitution, the NLRC4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.