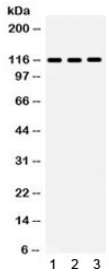
NLRC4 Antibody / CARD12 (R32329)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9NPP4
Applications	Western blot: 0.1-0.5ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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