



[Go to Product page](#)

Datasheet for ABIN6991397
anti-NLRC3 antibody (AA 630-680)

Overview

Quantity:	0.1 mg
Target:	NLRC3
Binding Specificity:	AA 630-680
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	NOD3 antibody was raised against an 18 amino acid synthetic peptide near the center of human NOD3. The immunogen is located within amino acids 630 - 680 of NOD3.
Isotype:	IgG
Purification:	NOD3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	NLRC3
Alternative Name:	NOD3 (NLRC3 Products)
Background:	NOD3 Antibody: NOD3 is a member of the NOD (nucleotide-binding oligomerization domain) family, a group of proteins that are involved in innate immune defense. NOD3 also known as NLR family CARD containing 3 (NLRC3), is predominantly expressed in the immune system,

Target Details

particularly in T lymphocytes, and its expression is strongly down-regulated following stimulation of the T-cell receptor complex and CD28, suggesting that NOD3 plays a role in attenuating the activation of T cells. NOD3 inhibits NF-kappaB, AP-1 and NFAT transcriptional activation in Jurkat T cells downstream of CD3/CD28 stimulation or treatment with PMA/ionomycin and decreases IL-2 and CD25 mRNA induction in activated cells.

Gene ID: 197358

UniProt: [Q7RTR2](#)

Application Details

Application Notes: NOD3 antibody can be used for detection of NOD3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunofluorescence starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: NOD3 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: NOD3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.