



Order: (888)-282-5810 (Phone)
(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

NOD2 (C) Antibody, Rabbit Polyclonal

Cat#: R3204-2b

Quantity: 100 ul

Predicted | Observed M.W.: 115 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9HC29

Background:

Nucleotide-binding oligomerization domain-containing protein 2 (NOD2) recognizes muramyl dipeptide (MDP) constituents of bacterial peptidoglycans and plays a key role in gastrointestinal immunity: upon stimulation, NOD2 binds to the proximal adapter receptor-interacting RIPK2, which recruits ubiquitin ligases as XIAP, BIRC2, BIRC3 and the LUBAC complex, triggering activation of MAP kinases and activation of NF-kappa-B signaling, leading to activate the transcription of hundreds of genes involved in immune response.

Other Names:

Nucleotide-binding oligomerization domain-containing protein 2, Caspase recruitment domain-containing protein 15, Inflammatory bowel disease protein 1, CARD15, IBD1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human NOD2. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

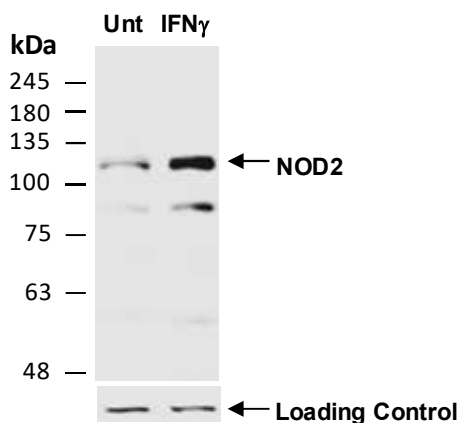


Fig 1. Western blot analysis of equal amounts of total protein extracts from human THP1 cells untreated (Unt) or treated with Interferon-gamma ($IFN\gamma$, 5 ng/ml) for 24 hrs, using anti-NOD2 (C) (R3204-2b) at RT for 2 h. R3204-2b appears to recognize a slightly larger isoform of NOD2 as compared to R3204-2.