



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12244 - Goat Anti-Nalp12 / Nlrp12 (rodent) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Nlrp12, NLR family, pyrin domain containing 12, Nalp12, PYPAF7, NACHT, LRR and PYD containing protein 12, NACHT, LRR and PYD domains-containing protein 12, PYRIN-containing APAF1-like protein 7, monarch-1

**Official Symbol:** Nlrp12

**Accession Number(s):** NP\_001028603.1

**Non-Human GeneID(s):** 378425 (mouse), 292541 (rat)

### Immunogen

Peptide with sequence C-KPGTPTFKVPANQR, from the internal region of the protein sequence according to NP\_001028603.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 100kDa band observed in Mouse Liver and Spleen lysates (calculated MW of 119kDa according to NP\_001028603.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Jéru et al, Proc Natl Acad Sci U S A. 2008 Feb 5;105(5):1614-9.PMID: 18230725). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Mouse

**Expected from sequence similarity:** Mouse, Rat



EB12244 (1 $\mu$ g/ml) staining of Mouse Spleen lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.