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

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NIrp12, 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 GenelD(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

250kDa 150kDa 100kDa 75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

EB12244 (1μg/ml) staining of Mouse Spleen lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.