



## Goat anti-Nalp12 / Nlrp12 (rodent) Antibody

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| <b>Item Number</b>     | dAP-2990   |
| <b>Target Molecule</b> | Principle Name: Nalp12 / Nlrp12 (rodent); Official Symbol: Nlrp12; All Names and Symbols: 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; Accession Number (s): NP_001028603.1; Human Gene ID(s): ; Non-Human GeneID(s): 378425 (mouse) 292541 (rat) |
| <b>Immunogen</b>       | KPGTPTFKVPANQR, is from internal region  |
| <b>Applications</b>    | Pep ELISA, WB<br>Species Tested: Mouse   |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| <b>Supplied As</b>     | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.<br>Aliquot and store at -20°C. Minimize freezing and thawing.   |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 128000.  |
| <b>Western Blot</b>    | 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 Nat   |
| <b>IHC</b>             |  |
| <b>Reference</b>       | Reference(s): Allen IC, Wilson JE, Schneider M, Lich JD, Roberts RA, Arthur JC, Woodford RM, Davis BK, Uronis JM, Herfarth HH, Jobin C, Rogers AB, Ting JP. NLRP12 suppresses colon inflammation and tumorigenesis through the negative regulation of noncanonical NF-κB signaling. Immunity 2012 May 36 (5): 742-   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**