

Goat anti-NOD1 / CARD4 Antibody

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| Item Number | dAP-2219 |
| Target Molecule | Principle Name: NOD1 / CARD4; Official Symbol: NOD1; All Names and Symbols: NOD1; nucleotide-binding oligomerization domain containing 1; CARD4; CLR7.1; NLRC1; NLR family, CARD domain containing 1; caspase recruitment domain family, member 4; caspase recruitment domain-containing protein 4; nucleotide-binding oligomerization domain; Accession Number (s): NP_006083.1; Human Gene ID(s): 10392; Non-Human GeneID(s): |
| Immunogen | EAKVYEDEKRIICF, is from C Terminus |
| Applications | Pep ELISA, WB Species Tested: Human |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | 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. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 32000. |
| Western Blot | Western Blot: Approx 85kDa band observed in Human Duodenum lysates (calculated MW of 107.6kDa according to NP_006083.1). Recommended concentration: 0.5-1.5µg/ml. |
| IHC | |
| Reference | Reference(s): Lu WG, Zou YF, Feng XL, Yuan FL, Gu YL, Li X, Li CW, Jin C, Li JP. Association of NOD1 (CARD4) insertion/deletion polymorphism with susceptibility to IBD: a meta-analysis. World J Gastroenterol. 2010 Sep 14;16(34):4348-56..PMID: 20818820-> |

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**