

Goat anti-NOD1 / CARD4 Antibody

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 end users! This product is sold for **Research Use Only**