

Goat anti-NALP2 / PAN1 Antibody

Item Number	dAP-2154
Target Molecule	Principle Name: NALP2 / PAN1; Official Symbol: NLRP2; All Names and Symbols: NLRP2; NLR family, pyrin domain containing 2; CLR19.9; FLJ20510; NALP2; NBS1; PAN1; PYPAF2; NACHT, LRR and PYD containing protein 2; NACHT, leucine rich repeat and PYD containing 2; PYRIN-Containing APAF1-like; nucleotide-binding oligomerization domain, 1; Accession Number (s): NP_060322.1; Human Gene ID(s): 55655; Non-Human GeneID(s):
Immunogen	KNPQLIIDTEKHHHP, is from C Terminus (near)
Applications	Pep ELISA, WB Trf 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 16000.
Western Blot	Western Blot: In transfected HEK293 transiently expressing full-length Human NLRP2 (myc and DYKDDDDK tagged), a band of approx. 150kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag
IHC	
Reference	Reference(s): Ji S, Shin JE, Kim YS, Oh JE, Min BM, Choi Y, Toll-like receptor 2 and NALP2 mediate induction of human beta-defensins by fusobacterium nucleatum in gingival epithelial cells. <i>Infection and immunity</i> 2009 Mar 77 (3): 1044-52.. PMID: 19103770->

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**