Goat anti-NLRX1 / NOD9 Antibody

Item Number	dAP-2194
Target Molecule	Principle Name: NLRX1 / NOD9; Official Symbol: NLRX1; All Names and Symbols: NLRX1; NLR family member X1; CLR11.3; DLNB26; FLJ21478; MGC131937; MGC21025; NOD26; NOD5; NOD9; NLR family, X1; NOD-like receptor X1; OTTHUMP00000205768; OTTHUMP00000205769; nucleotide-binding oligomerization domain, leucine rich repeat containing X1; Accession Number (s): NP_078894.2; NP_733840.1; Human Gene ID(s): 79671; Non-Human GeneID(s):
Immunogen	NFSGETLDSTDPSN, is from internal region This antibody is expected to recognize both reported isoforms (NP_078894.2; NP_733840.1).
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; Reconsititute 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: Approx 100kDa band observed in Human Breast cancer lysates (calculated MW of 108kDa according to NP_078894.2 and 102kDa according to NP_733840.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Tattoli I, Carneiro LA, JÃ©hanno M, Magalhaes JG, Shu Y, Philpott DJ, Arnoult D, Girardin SE, NLRX1 is a mitochondrial NOD-like receptor that amplifies NF-kappaB and JNK pathways by inducing reactive oxygen species production. EMBO reports 2008 Mar 9 (3): 293-300..PMID: 18219313->

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