

## Goat anti-IRAK4 (N Terminus) Antibody

Item Number	dAP-0647
Target Molecule	Principle Name: IRAK4 (N Terminus); Official Symbol: IRAK4; All Names and Symbols: IRAK4; REN64; NY-REN-64; interleukin-1 receptor-associated kinase 4; IRAK-4 mutated form 1; interleukin-1 receptor associated kinase 4; interleukin-1 receptor associated kinase 4 mutant form 1; IPD1; Accession Number (s): NP_057207.2; NP_001107654.1; Human Gene ID(s): 51135; Non-Human GenelD(s): 266632 (mouse)
Immunogen	NKPITPSTYVRC, is from N Terminus
Applications	Pep ELISA, WB, IHC 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 50kDa band observed in lysates of cell lines A431 and HeLa (calculated MW of 51.5kDa according to NP_057207.2). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Heart and Human Liver. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Lye E, Mirtsos C, Suzuki N, Suzuki S, Yeh WC. The role of interleukin 1 receptor-associated kinase-4 (IRAK-4) kinase activity in IRAK-4-mediated signaling. <i>J Biol Chem.</i> 2004 Sep 24;279(39):40653-8. Epub 2004 Jul 29. PMID: 15292196 ->

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**