

## Product datasheet for **TA302664**

### IRAK4 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:32,000. WB: 1-3µg/ml.
Reactivity:	Human, Mouse
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence NKPITPSTYVRC, from the N Terminus of the protein sequence according to NP_057207.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51.3 kDa
Gene Name:	interleukin 1 receptor associated kinase 4
Database Link:	<a href="#">NP_057207</a> <a href="#">Entrez Gene 266632 Mouse</a> <a href="#">Entrez Gene 51135 Human</a> <a href="#">Q9NWZ3</a>
Background:	This gene encodes a kinase that activates NF-kappaB in both the Toll-like receptor (TLR) and T-cell receptor (TCR) signaling pathways. The protein is essential for most innate immune responses. Mutations in this gene result in IRAK4 deficiency and recurrent invasive pneumococcal disease. Multiple transcript variants encoding different isoforms have been found for this gene. [supplied by RefSeq]



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**Synonyms:** IPD1; IRAK-4; NY-REN-64; REN64

**Protein Families:** Druggable Genome, Protein Kinase

**Protein Pathways:** Apoptosis, Neurotrophin signaling pathway, Toll-like receptor signaling pathway

**Product images:**



TA302664 (1ug/ml) staining of Hela lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.