

Product datasheet for TA357874

IRAK4 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Specificity: **Expected reactivity**: Cow, Guinea Pig, Horse, Human, Rat, Sheep

Homology: Cow: 77%; Guinea Pig: 91%; Horse: 92%; Human: 100%; Rat: 91%; Sheep: 77%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Affinity Purified Purification: Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Shelf life: one year from despatch. Stability:

Predicted Protein Size: 36kDa

Gene Name: interleukin 1 receptor associated kinase 4

Database Link: NP 001138728

Entrez Gene 51135 Human

Q9NWZ3-2

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.

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

Protein Families: Druggable Genome, Protein Kinase



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

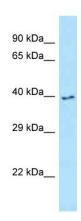
Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Protein Pathways:

Apoptosis, Neurotrophin signaling pathway, Toll-like receptor signaling pathway

Product images:



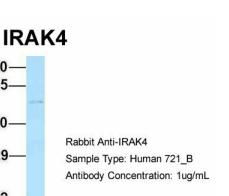
90-65-

40-

29-

22-

WB Suggested Anti-IRAK4 Antibody Titration: 1.0 ug/ml Positive Control: MCF7 Whole Cell



Host: Rabbit Target Name: IRAK4 Sample Type: Human 721_B

Antibody Dilution: 1.0ug/mlIRAK4 is supported by BioGPS gene expression data to be expressed in

721_B