

Product datasheet for **AP52231PU-N**

IRAK4 (N-term) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | ELISA: 1/1000. Western Blot: 1/100-1/500. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | KLH conjugated synthetic peptide between 32-60 amino acids from the N-terminal region of Human IRAK4. |
| Specificity: | This antibody recognizes Human IRAK4 (N-term). |
| Formulation: | PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction |
| Concentration: | lot specific |
| Purification: | Protein A column, followed by peptide affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | interleukin 1 receptor associated kinase 4 |
| Database Link: | Entrez Gene 51135 Human Q9NWZ3 |
| 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. |



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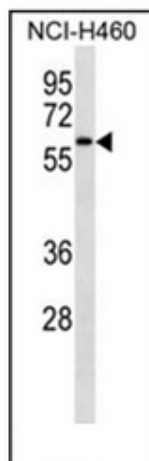
Synonyms: IRAK-4, NY-REN-64

Note: **Molecular Weight:** 51530 Da

Protein Families: Druggable Genome, Protein Kinase

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

Product images:



Western blot analysis of IRAK4 Antibody (N-term) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the IRAK4 antibody detected the IRAK4 protein (arrow).