

## Rabbit IRAK4 Polyclonal Antibody | anti-IRAK4 antibody

IRAK4 antibody - C-terminal region

|                               |                       |                                                                |                                     |
|-------------------------------|-----------------------|----------------------------------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA201092</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Guinea Pig, Horse, Human, Rat, Sheep</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------------------------------|-------------------------------------|

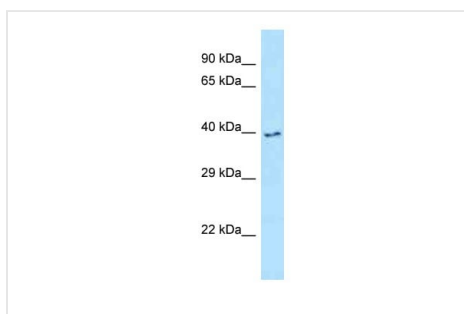
### PRODUCT SYNONYMS

IRAK4; Polyclonal Antibody; IRAK4 antibody - C-terminal region; anti-IRAK4 antibody

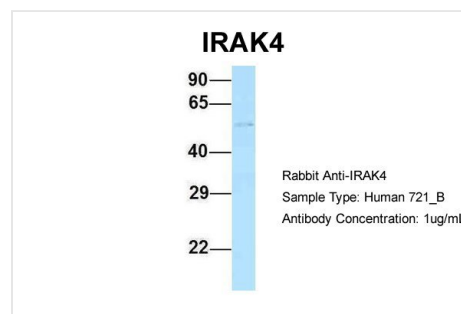
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Cow, Guinea Pig, Horse, Human, Rat, Sheep                                                                                                             |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                        | Synthetic peptide with the following region: TG LPAVDEHREP QLLLDIKEEI EDEEKTIEDY IDKKMNDADS TSVEAMYS                                                  |
| Sequence Length                                 | 336                                                                                                                                                   |
| Applicable Applications for anti-IRAK4 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                        | Cow: 77%; Guinea Pig: 91%; Horse: 92%; Human: 100%; Rat: 91%; Sheep: 77%                                                                              |
| Preparation and Storage                         | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

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


**WB (Western Blot)**

Host: Rabbit Target Name: IRAK4 Sample Type: Human 721\_B Antibody Dilution: 1.0ug/ml IRAK4 is supported by BioGPS gene expression data to be expressed in 721\_B

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IRAK4 antibody | <p>This is a rabbit polyclonal antibody against IRAK4. It was validated on Western Blot</p> <p>Target Description: 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.</p> |
| Product Categories/Family for anti-IRAK4 antibody   | <p><a href="#">Polyclonal</a>; <a href="#">RNA Binding Proteins</a>; <a href="#">Lymphocyte Signaling</a>; <a href="#">Protein Kinases</a>; <a href="#">Transcription Regulation</a>; <a href="#">Immunology</a>; <a href="#">Disease Related</a>; <a href="#">Phosphorylation</a>; <a href="#">Transcription Factors</a></p>                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 20219010                                   |
| NCBI GeneID                      | 51135                                      |
| NCBI Accession #                 | NP_001138728                               |
| NCBI GenBank Nucleotide #        | NM_001145256                               |
| UniProt Accession #              | Q9NWZ3                                     |
| Molecular Weight                 | 36kDa                                      |
| NCBI Official Full Name          | interleukin-1 receptor associated kinase 4 |
| NCBI Official Synonym Full Names | interleukin 1 receptor associated kinase 4 |
| NCBI Official Symbol             | IRAK4                                      |
| NCBI Official Synonym Symbols    | IPD1; REN64; IRAK-4; NY-REN-64             |
| NCBI Protein Information         | interleukin-1 receptor-associated kinase 4 |
| UniProt Protein Name             | Interleukin-1 receptor-associated kinase 4 |
| UniProt Gene Name                | <b>IRAK4</b>                               |
| UniProt Synonym Gene Names       | IRAK-4                                     |
| UniProt Entry Name               | IRAK4_HUMAN                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/irak4-antibody-western-blot-elisa/201092>