# Anti-Phospho-IRAK4 (Thr345/Ser346) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108707

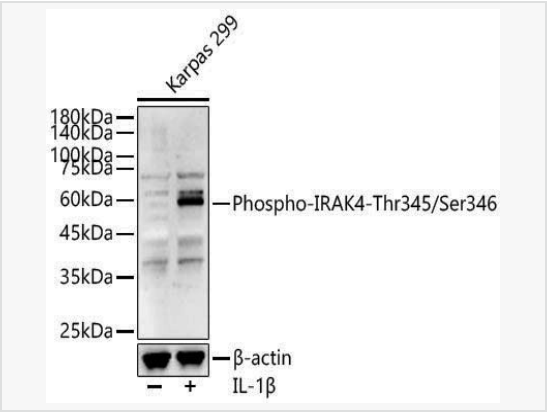
## Product Information

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| Application | WB, ELISA |
| Reactivity | Human |
| Dilution | WB 1:500~1:1000 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthetic phosphorylated peptide around Thr345/Ser346 of human IRAK4. |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-Phospho-IRAK4 (Thr345/Ser346) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| Synonyms | IPD1; IMD67; REN64; IRAK-4; NY-REN-64; Phospho-IRAK4-Thr345/Ser346. |
| Calculated MW | Calculated MW: 52 kDa; Observed MW: 55 kDa |
| Uniprot ID | Q9NWZ3 |
| Gene ID | 51135 |
| 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. |

## Validation Images




Western blot analysis of lysates from Karpas 299 cells using Phospho-IRAK4-Thr345/Ser346 Rabbit pAb (P108707) at 1:800 dilution. Karpas 299 cells were treated by IL-1β (10 ng/ml) at 37°C for 15 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 60s.