

# Rat C-Reactive Protein/CRP Rabbit pAb

**Catalog No.: A24504**

## Basic Information

**Observed MW**

27kDa

**Calculated MW**

25kDa

**Category**

Primary antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Rat

## Background

Enables cholesterol binding activity; identical protein binding activity; and low-density lipoprotein particle binding activity. Involved in several processes, including cellular response to nitric oxide; complement activation, classical pathway; and negative regulation of superoxide anion generation. Located in extracellular space; filopodium; and growth cone. Used to study rheumatoid arthritis. Biomarker of several diseases, including acute kidney failure; artery disease (multiple); iron deficiency anemia; obesity; and status epilepticus. Human ortholog(s) of this gene implicated in several diseases, including Kawasaki disease; autoimmune disease (multiple); macular degeneration (multiple); middle cerebral artery infarction; and nephritis (multiple). Orthologous to human CRP (C-reactive protein).

## Recommended Dilutions

**WB** 1:1000 - 1:5000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**

25419

**Swiss Prot**

P48199

**Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Synonyms**

Aa1249; Ac1262; Ab1-341; Ab2-196; Ac1-114; Ac2-069; Ba2-693; Rat C-Reactive Protein/CRP

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

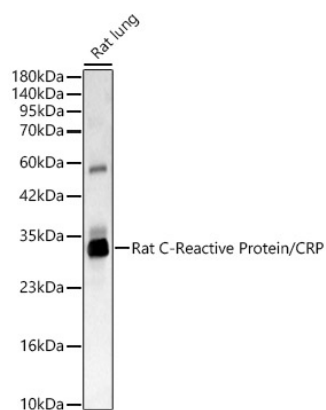
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of lysates from Rat lung, using Rat C-Reactive Protein/CRP Rabbit pAb (A24504) at 1:2000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.