

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 μ g/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

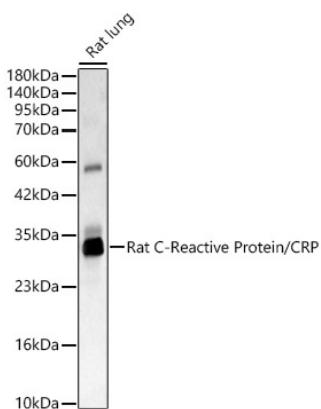
Affinity purification

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



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: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.