

# Anti-PRKAR1A antibody



Catalog Number: 141333

## Product name

Anti-PRKAR1A antibody

## Immunogen

[Human PRKAR1A / PRKAR1 / PKR1 \(His Tag\) recombinant protein](#)

## Specificity

Human PRKAR1A / PRKAR1 / PKR1

## Antibody description

Rabbit Polyclonal to Human PRKAR1A

## Preparation

Produced in rabbits immunized with purified, recombinant Human PRKAR1A / PRKAR1 / PKR1 . PRKAR1A / PRKAR1 / PKR1 specific IgG was purified by Human PRKAR1A / PRKAR1 / PKR1 affinity chromatography.

## Formulation

0.2 µm filtered solution in PBS

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

WB, ELISA, IP

## Dilutions

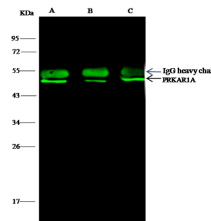
WB: 5-20 µg/ml

ELISA: 0.1-0.2 µg/ml

This antibody can be used at 0.1-0.2 with the appropriate secondary reagents to detect Human PRKAR1A / PRKAR1 / PKR1.

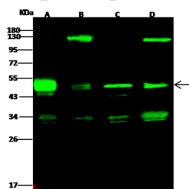
IP: 1-4 µl/mg of lysate

## Validations



| Items                      | Lanes | A  | B    | C    |
|----------------------------|-------|--|------|------|
| Sample (whole cell lysate) |       | HeLa   | A549 | 293T |
| Sample quantity            |       | 0.5 mg   |      |      |
| IP antibody quantity       |       | 2 µL   |      |      |
| Protein G agarose          |       | 15 µl of 50% Protein G Agarose                                       |      |      |
| Gel                        |       | 13% SDS-PAGE reducing gel  |      |      |
| Primary antibody           |       | PRKAR1A-His antibody at 10 µg/ml                                     |      |      |
| Secondary antibody         |       | Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution |      |      |

## Human PRKAR1A / PRKAR1 / PKR1 Immunoprecipitation(IP) 14910



| Items                      | Lanes | A  | B    | C    | D      |
|----------------------------|-------|--|------|------|--------|
| Sample (whole cell lysate) |       | HepG2  | HeLa | A549 | Jurkat |
| Sample Volume (µg/lane)    |       | 30   | 30   | 30   | 30     |
| Gel                        |       | 13% SDS-PAGE reducing gel  |      |      |        |
| Recommended Concentration  |       | 5-20 µg/ml   |      |      |        |
| Secondary Antibody         |       | Dylight 800-labeled Antibody to Rabbit IgG (H+L), at 1:5000 dilution.  |      |      |        |
|                            |       | Developed using Odyssey imaging system.  |      |      |        |
| Explanation                |       | Predicted band size : 43 kDa<br>Observed band size : 49 kDa<br>Additional bands at : 34 kDa, 43 kDa and 125 kDa (We are unsure as to the identity of these extra bands.) |      |      |        |

## Human PRKAR1A / PRKAR1 / PKR1 Western blot (WB) 14909