

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

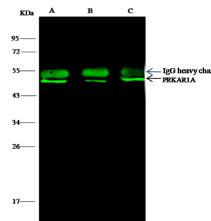
WB: 5-20 µg/ml

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.

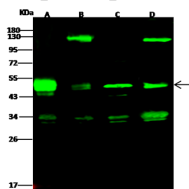
IP: 1-4 µl/mg of lysate

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 Observed band size : 49 kDa 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