

# Anti-PRDX2 antibody



Catalog Number: 142749

## Product name

Anti-PRDX2 antibody

## Immunogen

[Human Peroxiredoxin 2/PRDX2 \(His Tag\) recombinant protein](#)

## Specificity

Human Peroxiredoxin 2/PRDX2

## Antibody description

Rabbit Polyclonal to Human PRDX2

## Preparation

Produced in rabbits immunized with purified, recombinant Human Peroxiredoxin 2/PRDX2 . Peroxiredoxin 2/PRDX2 specific IgG was purified by Human Peroxiredoxin 2/PRDX2 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, ICC/IF, IF, IP

## Dilutions

WB: 5-20 µg/ml

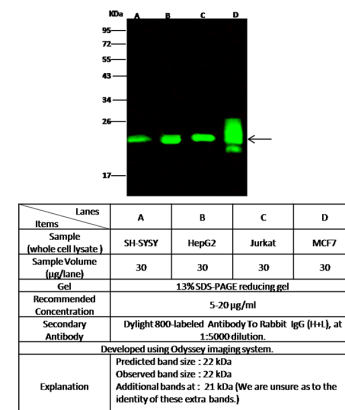
ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human Peroxiredoxin 2/PRDX2.

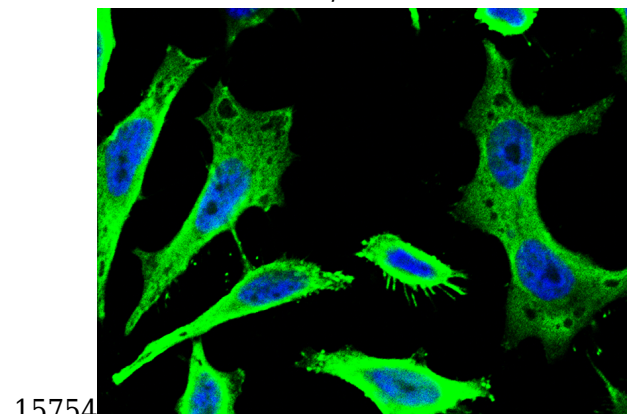
ICC/IF: 0.5-3µg/mL

IP: 0.5-2 uL/mg of lysate

## Validations



## Human Peroxiredoxin 2/PRDX2 Western blot (WB)



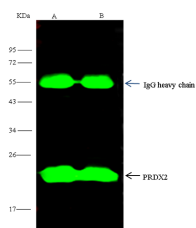
15754

Human Peroxiredoxin 2/PRDX2  
Immunofluorescence(IF) 15755

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Human Peroxiredoxin 2/PRDX2  
Immunoprecipitation(IP) 15756

Lanes	A	B
Sample (whole cell lysate)	Jukat	HepG2
Sample quantity	0.5 mg	
IP antibody quantity	4 $\mu$ L	
Protein G agarose	15 $\mu$ L of 50% Protein G Agarose	
Gel	13% SDS-PAGE reducing gel	
Primary antibody	100% PRDX2 (1-198N) antibody at 10 $\mu$ g/ml	
Secondary antibody	DyLight 800-labeled antibody to rabbit IgG (1:1), at 1:5000 dilution	