

Rabbit anti-Human Peroxiredoxin 6 Polyclonal Antibody | anti-PRDX6 antibody

Anti-Peroxiredoxin 6 Antibody, Rabbit Polyclonal

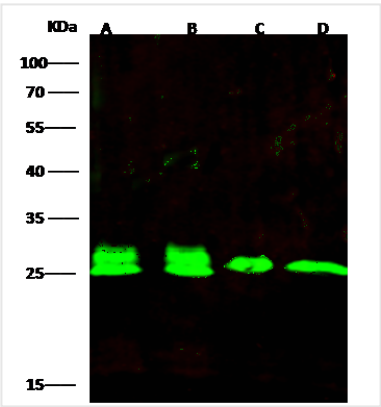
CATALOG # AAA255375	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

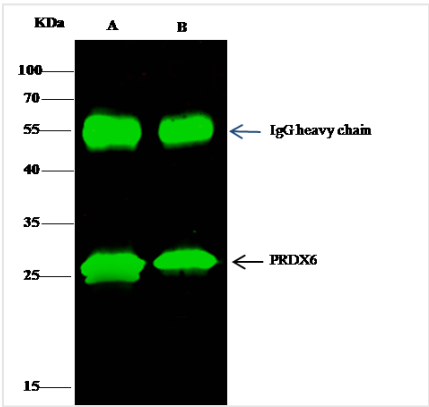
Peroxiredoxin 6; Polyclonal Antibody; Anti-Peroxiredoxin 6 Antibody; Rabbit Polyclonal; Peroxiredoxin 6/PRDX6 Antibody; Rabbit PAb; Antigen Affinity Purified; peroxiredoxin 6; Anti-1-Cys Antibody; Anti-aiPLA2 Antibody; Anti-AOP2 Antibody; Anti-HEL-S-128m Antibody; Anti-NSGPx Antibody; Anti-p29 Antibody; Anti-PRX Antibody; anti-PRDX6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Peroxiredoxin 6/PRDX6
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PRDX6 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant Human Peroxiredoxin 6/PRDX6 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human Peroxiredoxin 6/PRDX6 (rh Peroxiredoxin 6/PRDX6). Peroxiredoxin 6/PRDX6 specific IgG was purified by Human Peroxiredoxin 6/PRDX6 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-PRDX6 rabbit polyclonal antibody at 1:500 dilution
Lane A: HepG2 Whole Cell Lysate
Lane B: Hela Whole Cell Lysate
Lane C: MCF7 Whole Cell Lysate
Lane D: A549 Whole Cell Lysate
Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 25 kDa. Observed band size: 25 kDa



IP (Immunoprecipitation)
PRDX6 was immunoprecipitated using:
Lane A: 0.5 mg HepG2 Whole Cell Lysate
Lane B: 0.5 mg MCF-7 Whole Cell Lysate
2 uL anti-PRDX6 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose.
Primary antibody: Anti-PRDX6 rabbit polyclonal antibody, at 1:200 dilution
Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution
Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 25 kDa. Observed band size: 25 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PRDX6 antibody	PRDX6, a member of antioxidant protein superfamily, plays an important role in oxidative stress, catabolism of lipids and phospholipid liposomes. Peroxiredoxin 6 (PRDX6) is involved in redox regulation of the cell and is thought to be protective against oxidant injury. Peroxiredoxin 6 (PRDX6) is a bifunctional protein with both glutathione peroxidase (GPx) and iPLA2 activities, which are concomitantly increased with the expression of PRDX6. PRDX6 promoted lung tumor growth in an in vivo allograft model.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1718024
NCBI GeneID	9588
UniProt Accession #	P30041; P32077; Q5TAH4; Q5ZEZ8; A8JZY7
Molecular Weight	Observed: 27kDa Calculated: 25kDa
NCBI Official Full Name	Peroxiredoxin-6
NCBI Official Synonym Full Names	peroxiredoxin 6
NCBI Official Symbol	PRDX6
NCBI Official Synonym Symbols	PRX; p29; AOP2; 1-Cys; NSGPx; aiPLA2; HEL-S-128m
NCBI Protein Information	peroxiredoxin-6; 1-Cys PRX; 24 kDa protein; 1-Cys peroxiredoxin; antioxidant protein 2; liver 2D page spot 40; red blood cells page spot 12; non-selenium glutathione peroxidase; acidic calcium-independent phospholipase A2; epididymis secretory sperm bindi
UniProt Protein Name	Peroxiredoxin-6
UniProt Gene Name	PRDX6
UniProt Synonym Gene Names	AOP2; KIAA0106; 1-Cys PRX; aiPLA2; NSGPx
UniProt Entry Name	PRDX6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

