

Rabbit Peroxiredoxin 2 Polyclonal Antibody | anti-PRDX2 antibody

Rabbit anti-Peroxiredoxin 2 Antibody

CATALOG # AAA222330	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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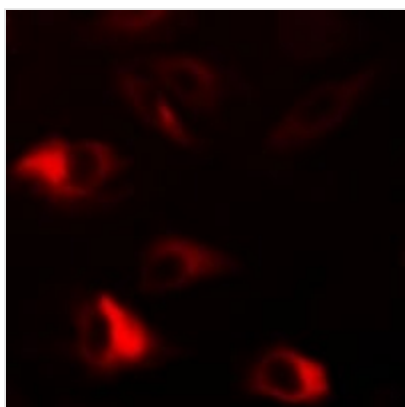
PRODUCT SYNONYMS

Peroxiredoxin 2; Polyclonal Antibody; Rabbit anti-Peroxiredoxin 2 Antibody; NKEFB; TDPX1; Peroxiredoxin-2; Natural killer cell-enhancing factor B; NKEF-B; PRP; Thiol-specific antioxidant protein; TSA; Thioredoxin peroxidase 1; Thioredoxin-dependent peroxide reductase 1; anti-PRDX2 antibody

PRODUCT SPECIFICATIONS

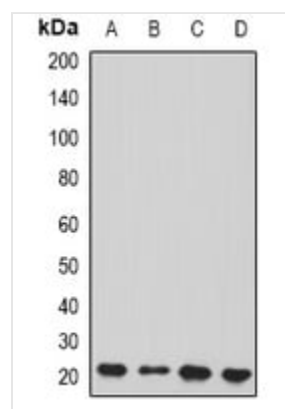
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PRDX2 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human Peroxiredoxin 2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Peroxiredoxin 2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of Peroxiredoxin 2 expression in HepG2 (A), K562 (B), mouse brain (C), mouse kidney (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PRDX2 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49456535
NCBI GeneID	7001
UniProt Accession #	P32119; Q61171; P35704
Molecular Weight	21,892 Da
NCBI Official Full Name	PRDX2
NCBI Official Synonym Full Names	peroxiredoxin 2
NCBI Official Symbol	PRDX2
NCBI Official Synonym Symbols	PRP; TSA; PRX2; PTX1; TPX1; NKEFB; PRXII; TDPX1; NKEF-B
NCBI Protein Information	peroxiredoxin-2; torin; thioredoxin peroxidase 1; thiol-specific antioxidant 1; natural killer cell-enhancing factor B; thioredoxin-dependent peroxide reductase 1
UniProt Protein Name	Peroxiredoxin-2
UniProt Gene Name	PRDX2
UniProt Synonym Gene Names	NKEFB; TDPX1; NKEF-B; TSA
UniProt Entry Name	PRDX2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/peroxiredoxin-2-antibody-immunochemistry-immunofluorescence-western-blot-elisa/222330>