Datasheet for ABIN7308222

anti-Peroxiredoxin 2 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	Peroxiredoxin 2 (PRDX2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Purpose:	Rabbit polyclonal antibody to Peroxiredoxin 2
Immunogen:	Recombinant full length protein of human Peroxiredoxin 2
Specificity:	Recognizes endogenous levels of Peroxiredoxin 2 protein.
Characteristics:	Rabbit polyclonal antibody to Peroxiredoxin 2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Peroxiredoxin 2 (PRDX2)
Alternative Name:	Peroxiredoxin 2 (PRDX2 Products)
Background:	NKEFB, TDPX1, Peroxiredoxin-2, Natural killer cell-enhancing factor B, NKEF-B, PRP, Thiol-specific antioxidant protein, TSA, Thioredoxin peroxidase 1, Thioredoxin-dependent peroxide

Target Details

	reductase 1
Gene ID:	7001, 21672, 29338
UniProt:	P32119, Q61171, P35704

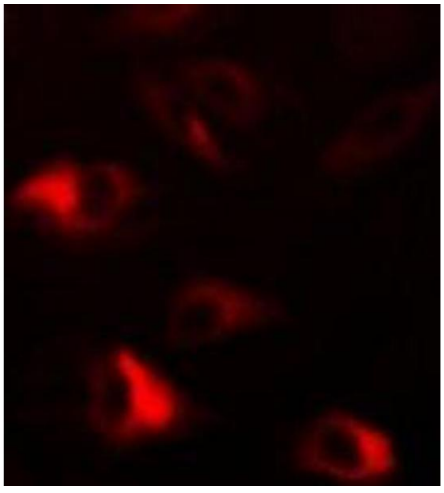
Application Details

Application Notes:	WB (1:500 - 1:2000), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

Handling

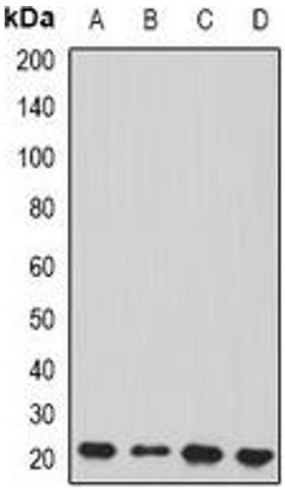
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunofluorescence

Image 1. 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 primar



Western Blotting

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

