

Datasheet for ABIN7308224
anti-Peroxiredoxin 6 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	Peroxiredoxin 6 (PRDX6)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Purpose:	Rabbit polyclonal antibody to Peroxiredoxin 6
Immunogen:	Recombinant full length protein of human Peroxiredoxin 6
Specificity:	Recognizes endogenous levels of Peroxiredoxin 6 protein.
Characteristics:	Rabbit polyclonal antibody to Peroxiredoxin 6
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Peroxiredoxin 6 (PRDX6)
Alternative Name:	Peroxiredoxin 6 (PRDX6 Products)
Background:	AOP2, KIAA0106, Peroxiredoxin-6, 1-Cys peroxiredoxin, 1-Cys PRX, 24 kDa protein, Acidic calcium-independent phospholipase A2, aiPLA2, Antioxidant protein 2, Liver 2D page spot 40,

Target Details

Non-selenium glutathione peroxidase, NSGPx, Red blood cells page spot 12

Gene ID: 9588, 102642619, 11758

UniProt: [P30041](#), [O08709](#), [O35244](#)

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

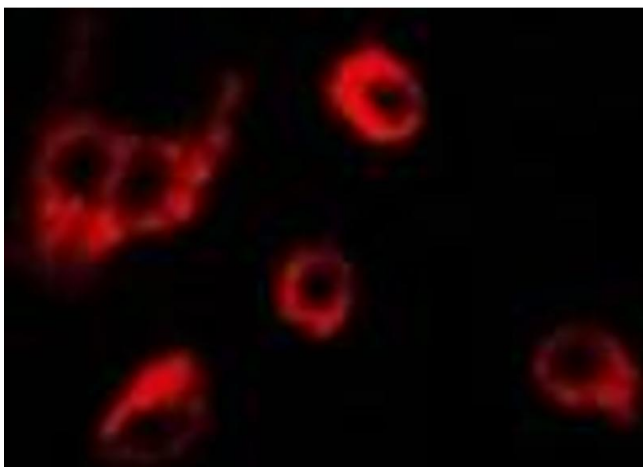
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

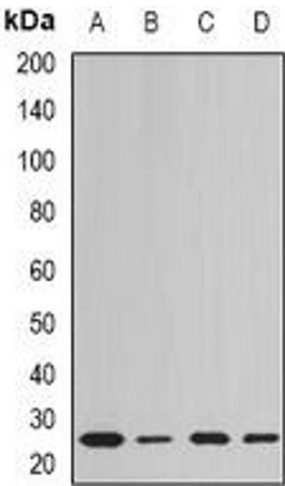
Expiry Date: 12 months

Images



Immunofluorescence

Image 1. Immunofluorescent analysis of Peroxiredoxin 6 staining in K562 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



Western Blotting

Image 2. Western blot analysis of Peroxiredoxin 6 expression in PC3 (A), K562 (B), mouse liver (C), mouse heart (D) whole cell lysates.