

Datasheet for ABIN7162941

anti-Peroxiredoxin 4 antibody (AA 38-271) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Peroxiredoxin 4 (PRDX4)
Binding Specificity:	AA 38-271
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 4 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Peroxiredoxin-4 protein (38-271AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Peroxiredoxin 4 (PRDX4)
Alternative Name:	PRDX4 (PRDX4 Products)
Background:	Background: Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection

Target Details

against oxidative stress by detoxifying peroxides and as sensor of hydrogen peroxide-mediated signaling events. Regulates the activation of NF-kappa-B in the cytosol by a modulation of I-kappa-B-alpha phosphorylation.

Aliases: Antioxidant enzyme 372 antibody, Antioxidant enzyme AOE372 antibody, AOE37 2 antibody, AOE37-2 antibody, AOE372 antibody, EC 1.11.1.15 antibody, Peroxiredoxin IV antibody, Peroxiredoxin-4 antibody, Peroxiredoxin4 antibody, PRDX 4 antibody, Prdx4 antibody, PRDX4_HUMAN antibody, PRX 4 antibody, Prx IV antibody, Prx-IV antibody, PRX4 antibody, PrxIV antibody, Thioredoxin dependent peroxide reductase A0372 antibody, Thioredoxin Peroxidase (Antioxidant Enzyme) antibody, Thioredoxin peroxidase antibody, Thioredoxin peroxidase A0372 antibody, Thioredoxin-dependent peroxide reductase A0372 antibody, TRANK antibody

UniProt: [Q13162](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.