

Rabbit Anti-Mouse Peroxiredoxin 2 (PRDX2) Polyclonal Antibody

Cat. No.: VD3N106

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse peroxiredoxin 2. It is purified by Protein A Purified . It can be applied to WB, IHC, ICC and IP assays of mouse peroxiredoxin 2.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	Y1N604
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Peroxiredoxin 2
Isotype	IgG
Immunogen	Recombinant protein of mouse peroxiredoxin 2
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% glycerol
Physical State	Liquid

Target Information

Mouse Peroxiredoxin 2 (PRDX2) is a cytosolic antioxidant enzyme that reduces hydrogen peroxide and alkyl hydroperoxides, protecting cells from oxidative damage. It plays a crucial role in maintaining cellular redox balance and modulating signaling pathways. P

RDX2 is highly expressed in erythrocytes and various tissues, where it supports hemoglobin stability and overall metabolic function. As a key regulator of oxidative stress responses, PRDX2 is an important target for studying redox biology and related diseases.

Target	Mouse Peroxiredoxin 2
Target Synonym	PRP; NKEFB; PRXII; TDPX1; TSA; Thioredoxin-Dependent Peroxide Reductase 1; Thiol-Specific Antioxidant 1; Natural Killer-Enhancing Factor B; Thioredoxin Peroxidase 1; Torin
Gene ID	21672
UniProt ID	Q61171

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.