

Datasheet for ABIN6989047
anti-Peroxiredoxin 5 antibody



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Overview

Quantity:	100 µL
Target:	Peroxiredoxin 5 (PRDX5)
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Peroxiredoxin 5 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Peroxiredoxin-5
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Peroxiredoxin 5 (PRDX5)
Alternative Name:	Peroxiredoxin-5 (PRDX5 Products)
Background:	Synonyms: Alu corepressor 1,Antioxidant enzyme B166,AOEB166,Liver tissue 2D-page spot 71B,PLP,Peroxiredoxin V, Prx-V,Peroxisomal antioxidant enzyme,TPx type VI,Thioredoxin

Target Details

peroxidase PMP20,PRDX5,PRDX5_HUMAN

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 against oxidative stress by detoxifying peroxides and as sensor of hydrogen peroxide-mediated signaling events.

Gene ID: 25824

UniProt: [P30044](#)

Pathways: [Cell RedoxHomeostasis](#)

Application Details

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months