Datasheet for ABIN6747122

# anti-Peroxiredoxin 6 antibody (C-Term)

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## 2 Images

## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | Peroxiredoxin 6 (PRDX6) |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Pig, Guinea Pig, Horse, Rabbit, Dog, Zebrafish (Danio rerio), Monkey, Xenopus laevis |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Peroxiredoxin 6 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

| | |
|---|---|
| Brand: | IHC-plus™ |
| Immunogen: | Synthetic peptide from C-Terminus of human PRDX6 (P30041, NP_004896). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig, Zebra finch, Xenopus, Trout, Catfish, Salmon (100%), Orangutan, Bat, Opossum, Turkey, Chicken (92%), Platypus, Drosophila (85%), Lizard (84%), Zebrafish (83%).<br><br>Type of Immunogen: Synthetic peptide |
| Isotype: | IgG |

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## Product Details

| | |
|---|---|
| Specificity: | Human PRDX6 / Peroxiredoxin 6 |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig, Xenopus (100%) Chicken (92%) Zebrafish (83%). |
| Purification: | Immunoaffinity purified |

## Target Details

| | |
|---|---|
| Target: | Peroxiredoxin 6 (PRDX6) |
| Alternative Name: | PRDX6 / Peroxiredoxin 6 (PRDX6 Products) |
| Background: | Name/Gene ID: PRDX6<br><br>Synonyms: PRDX6, 24 kDa protein, 1-Cys, 1-Cys peroxiredoxin, 1-Cys PRX, AOP2, Antioxidant protein 2, AiPLA2, KIAA0106, Liver 2D page spot 40, NSGPx, p29, Peroxiredoxin 6, Peroxiredoxin-6, Red blood cells page spot 12 |
| Gene ID: | 9588 |
| NCBI Accession: | NP_004896 |
| UniProt: | P30041 |

## Application Details

| | |
|---|---|
| Application Notes: | Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)<br><br>Usage: ELISA titer using peptide based assay: 1:62500. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. |
| Comment: | Target Species of Antibody: Human |
| Restrictions: | For Research Use only |

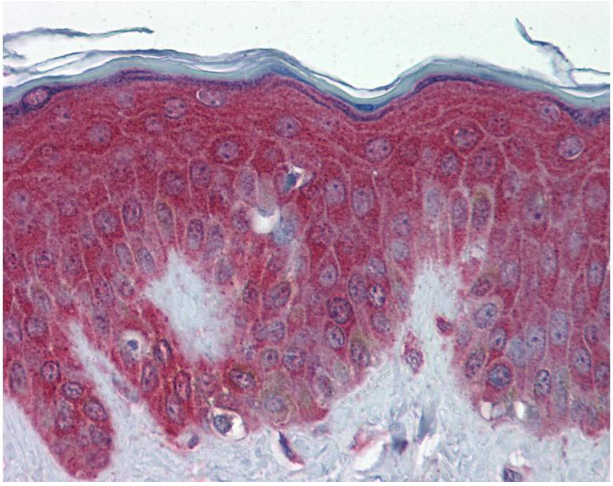
## Handling

| | |
|---|---|
| Format: | Lyophilized |
| Reconstitution: | Distilled Water. |
| Concentration: | Lot specific |

## Handling

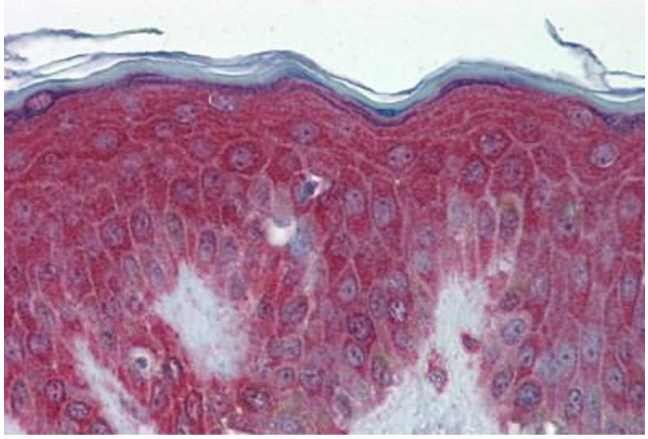
| | |
|---|---|
| Buffer: | Lyophilized from PBS with 2 % sucrose |
| Handling Advice: | Avoid repeat freeze-thaw cycles. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)<br>Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles. |

## Images



**Immunohistochemistry**

**Image 1.** Anti-PRDX6 / Peroxiredoxin 6 antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this pr ...



**Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)**

**Image 2.** Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)

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