antibodies .- online.com







anti-Peroxiredoxin 6 antibody (AA 103-132)



Target:

Images



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| Overview | | |
|-----------------------|---|--|
| Quantity: | 400 μL | |
| Target: | Peroxiredoxin 6 (PRDX6) | |
| Binding Specificity: | AA 103-132 | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This Peroxiredoxin 6 antibody is un-conjugated | |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) | |
| Product Details | | |
| Immunogen: | This PRDX6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-132 amino acids from the Central region of human PRDX6. | |
| Clone: | RB20893 | |
| Isotype: | lg Fraction | |
| Predicted Reactivity: | B, Pr, Rat | |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. | |
| Target Details | | |
| - . | | |

Peroxiredoxin 6 (PRDX6)

Target Details

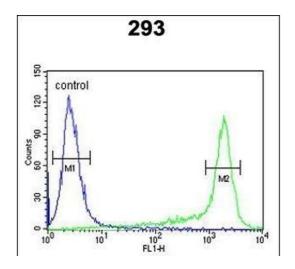
| Alternative Name: | PRDX6 (PRDX6 Products) | |
|-------------------|---|--|
| Background: | PRDX6 is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell, it can reduce H(2)O(2) and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury. | |
| Molecular Weight: | 25035 | |
| Gene ID: | 9588 | |
| NCBI Accession: | NP_004896 | |
| UniProt: | P30041 | |

Application Details

| Application Notes: | WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50 |
|--------------------|--|
| Restrictions: | For Research Use only |

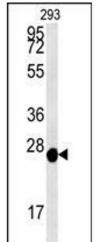
Handling

| Format: | Liquid | |
|--------------------|--|--|
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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: | 4 °C,-20 °C | |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. | |
| Expiry Date: | 6 months | |



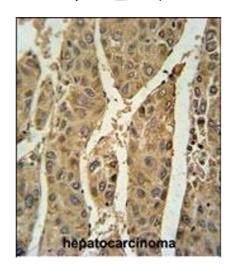
Flow Cytometry

Image 1. PRDX6 Antibody (Center) (ABIN650765 and ABIN2839536) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. PRDX6 Antibody (Center) (ABIN650765 and ABIN2839536) western blot analysis in 293 cell line lysates (35 μ g/lane). This demonstrates the PRDX6 antibody detected the PRDX6 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. PRDX6 Antibody (Center) (ABIN650765 and ABIN2839536) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PRDX6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.