

## Product Datasheet

# Peroxiredoxin 5/PRDX5 Rabbit Polyclonal Antibody (orb76351)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb76351   |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | Peroxiredoxin 5/PRDX5 Rabbit Polyclonal Antibody   |
| <b>Target</b>               | Peroxiredoxin-5, mitochondrial   |
| <b>Clonality</b>            | Polyclonal   |
| <b>Species/Host</b>         | Rabbit   |
| <b>Isotype</b>              | Rabbit IgG   |
| <b>Conjugation</b>          | Unconjugated   |
| <b>Reactivity</b>           | Human, Mouse, Rat  |
| <b>Form/Appearance</b>      | Lyophilized  |
| <b>Concentration</b>        | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.  |
| <b>Buffer/Preservatives</b> | Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> . *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| <b>Reconstitution</b>       | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.   |
| <b>Purification</b>         | Immunogen affinity purified.   |

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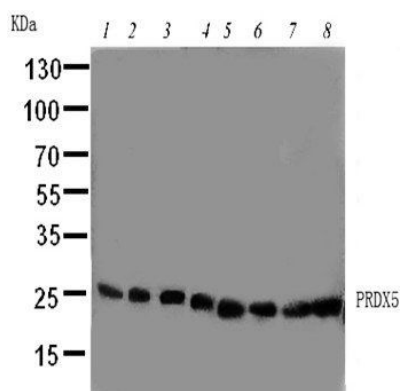
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|                            |   |
|----------------------------|---|
| <b>Immunogen</b>           | A synthetic peptide corresponding to a sequence at the C-terminus of human Peroxiredoxin 5, identical to the related mouse and rat sequences. |
| <b>UniProt ID</b>          | <b>P30044</b>   |
| <b>MW</b>                  | 26 kDa  |
| <b>Tested applications</b> | IHC, WB   |
| <b>Dilution range</b>      | Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human, Rat, Mouse Western blot, 0.1-0.5µg/ml, Human, Rat, Mouse                 |
| <b>Specificity</b>         | No cross reactivity with other proteins.  |
| <b>Cross Reactivity</b>    | No cross-reactivity with other proteins   |
| <b>Antibody Type</b>       | Primary Antibody  |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.       |
| <b>Note</b>                | For research use only   |
| <b>Expiration Date</b>     | 12 months from date of receipt.   |



Western blot analysis of Lane 1: Rat Brain Tissue Lysate, Lane 2: Rat Lung Tissue Lysate, Lane 3: Rat Liver Tissue Lysate, Lane 4: Rat Kidney Tissue Lysate, Lane 5: HELA Cell Lysate, Lane 6: 293T Cell Lysate, Lane 7: MCF-7 Cell Lysate, Lane 8: A549 Cell L

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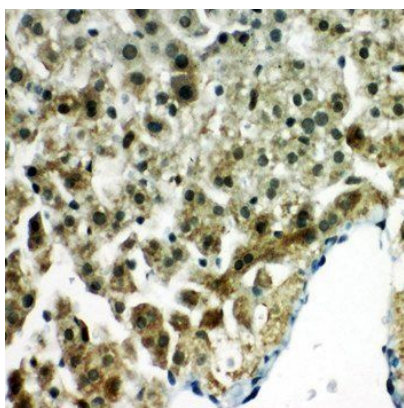
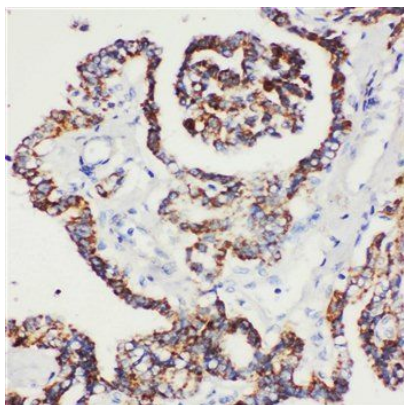
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