

Product Name: Peroxiredoxin 3 Rabbit Monoclonal Antibody
Catalog #: AMRe03145

Summary

| | |
|------------------------|--|
| Production Name | Peroxiredoxin 3 Rabbit Monoclonal Antibody |
| Description | Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC-F,IHC-P,ICC/IF,IP |
| Reactivity | Human |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Purification | Affinity Purification |

Immunogen

| | |
|--------------------------|---|
| Gene Name | PRDX3 |
| Alternative Names | PRDX3; AOP1; Thioredoxin-dependent peroxide reductase; mitochondrial; Antioxidant protein 1; AOP-1; HBC189; Peroxiredoxin III; Prx-III; Peroxiredoxin-3; Protein MER5 homolog |
| Gene ID | 10935 |
| SwissProt ID | P30048. |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20 |
| Molecular Weight | Calculated MW: 28 kDa; Observed MW: 28 kDa |

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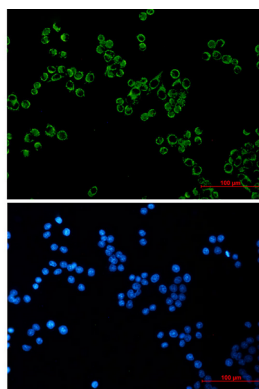
Background

Involved in redox regulation of the cell. Protects radical-sensitive enzymes from oxidative damage by a radical-generating system. Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.

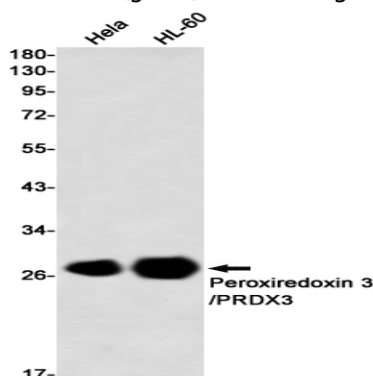
Research Area

Neuroscience

Image Data

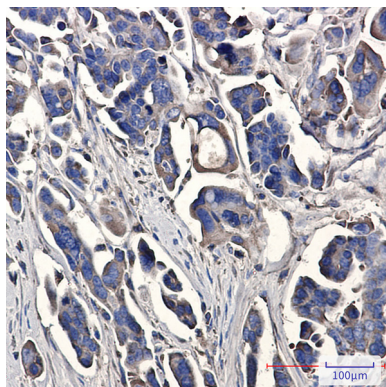


Immunocytochemistry analysis of Peroxiredoxin 3 (green) in HeLa using Peroxiredoxin 3 antibody, and DAPI (blue).



Western blot analysis of Peroxiredoxin 3/PRDX3 in HeLa, HL-60, lysates using Peroxiredoxin 3/PRDX3 antibody.

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Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using Peroxiredoxin 3/PRDX3 antibody.
High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.