

Product Name: Peroxiredoxin 5 Rabbit Monoclonal Antibody
Catalog #: AMRe02426

Summary

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|------------------------|--|
| Production Name | Peroxiredoxin 5 Rabbit Monoclonal Antibody |
| Description | Recombinant Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC-P,IP |
| Reactivity | Human,Mouse,Rat |

Performance

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|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| 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 Purified |

Immunogen

| | |
|--------------------------|---|
| Gene Name | PRDX5 |
| Alternative Names | ACR1; AOEB166; B166; Peroxiredoxin V; Peroxiredoxin-5; PLP; PMP20; PRDX5; PRDX6; Prx-V; PRXV; SBBI10; Thioredoxin reductase |
| Gene ID | 25824 |
| SwissProt ID | P30044 |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20 |
| Molecular Weight | Calculated MW: 22 kDa; Observed MW: 17 kDa |

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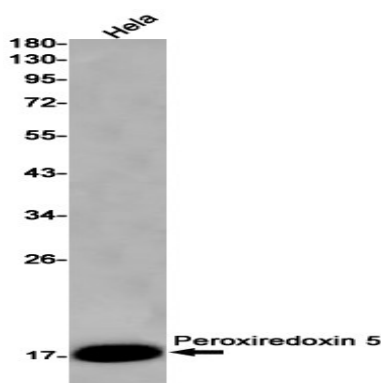
Background

Reduces hydrogen peroxide and alkyl hydroperoxides with reducing equivalents provided through the thioredoxin system. Involved in intracellular redox signaling.

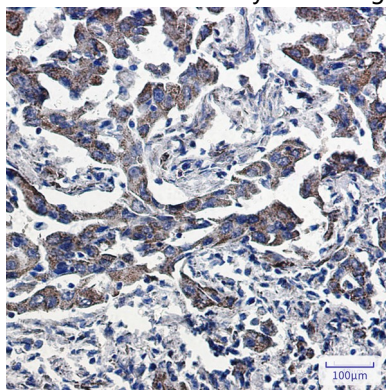
Research Area

Cell Biology

Image Data



Western blot analysis of Peroxiredoxin 5 in HeLa lysates using Peroxiredoxin 5 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Peroxiredoxin 5 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.