

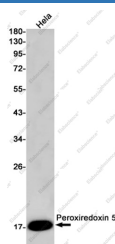
Recombinant Peroxiredoxin 5/PRDX5 Monoclonal Antibody

catalog number: AN300395P

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

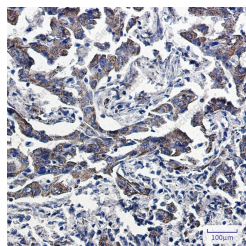
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Peroxiredoxin 5/PRDX5 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C120189
Purification	Affinity Purification
Buffer	0.2 µm filtered solution in PBS
Applications	
WB	1:1000-1:5000
IHC-P	1:100-1:200
IP	1:50

Data

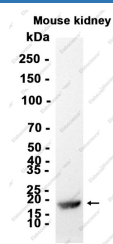


Western blot detection of Peroxiredoxin 5 in HeLa cell lysates using Peroxiredoxin 5 antibody(1:1000 diluted).

Observed-MW:17 kDa
Calculated-MW:22 kDa



Immunohistochemical analysis of paraffin-embedded human lung cancer.



Western blot analysis of extracts from Mouse kidney tissue at 1:1000.

Observed-MW:17 kDa
Calculated-MW:22 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

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Email: techsupport@elabscience.com

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Rev. V1.5

This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein interacts with peroxisome receptor 1 and plays an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. The use of alternate transcription start sites is thought to result in transcript variants that use different in-frame translational start codons to generate isoforms that are targeted to the mitochondrion (isoform L) or peroxisome/cytoplasm (isoform S). Multiple related pseudogenes have been defined for this gene. [provided by RefSeq, Nov 2017]