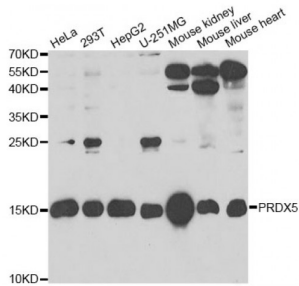


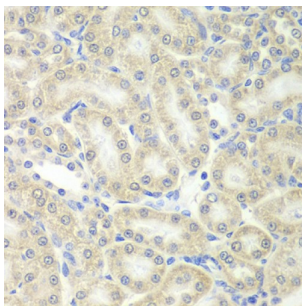
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Peroxiredoxin 5 (PRDX5) Antibody

Catalogue No.: abx004837



Western blot analysis of extracts of various cell lines, using PRDX5 antibody (abx004837) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded mouse kidney using PRDX5 antibody (abx004837) at dilution of 1/200 (40x lens).

PRDX5 Antibody is a Rabbit Polyclonal antibody against PRDX5. This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in different tissues under normal conditions and during inflammatory processes. This protein interacts with peroxisome receptor 1. The crystal structure of this protein in its reduced form has been resolved to 1.5 angstrom resolution. This gene uses alternate in-frame translation initiation sites to generate mitochondrial or peroxisomal/cytoplasmic forms. Three transcript variants encoding distinct isoforms have been identified for this gene.

Target: PRDX5

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human PRDX5.

Purification: Affinity purified.

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Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 12 kDa/17 kDa/22 kDa Observed MW: 15 kDa
Swiss Prot:	P30044
GeneID:	25824
Gene Symbol:	PRDX5
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.