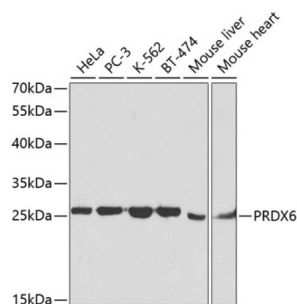
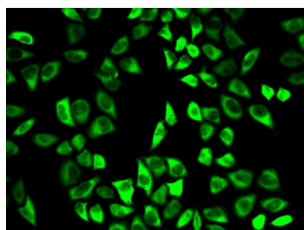


Peroxiredoxin 6 (PRDX6) Antibody

Catalogue No.: abx001648



Western blot analysis of extracts of various cell lines using PRDX6 Antibody (1/1000 dilution).



Immunofluorescence analysis of HeLa cells using PRDX6 Antibody

PRDX6 Antibody is a Rabbit Polyclonal antibody against PRDX6. Prdx6(Peroxiredoxin-6), a unique member of the peroxiredoxin family of antioxidants, is highly expressed in liver and protects cells from oxidative damage by reducing H₂O₂ and various lipid Peroxides(PMID: 17382207). It is also named as AOP2, KIAA0106. It can form a dimer(PMID:20500660). PRDX6 is expressed in all major organs, with a particularly high level in lung(PMID:15890616). This antibody is specific to PRDX6.

Target: Peroxiredoxin 6 (PRDX6)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: WB, IF/ICC

Host: Rabbit

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

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human PRDX6

Isotype: IgG

Form: Liquid

Datasheet

Version: 4.0.0
Revision date: 23 Jun 2025



Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P30041 (UniProt , ExPASy)
Gene Symbol:	PRDX6
GeneID:	9588
NCBI Accession:	NP_004896.1
KEGG:	hsa:9588
String:	9606.ENSP00000342026
Molecular Weight:	Calculated MW: 25 kDa Observed MW: 27 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.