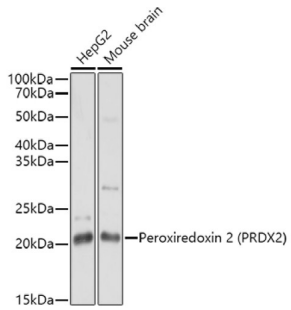
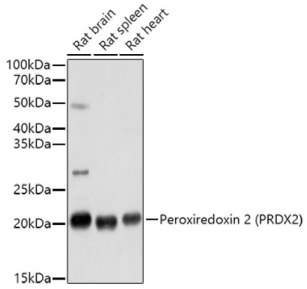
Peroxiredoxin 2 (PRDX2) Antibody

Catalogue No.:abx001567



Western blot analysis of extracts of various cell lines using Peroxiredoxin 2 Antibody (1/1000 dilution).



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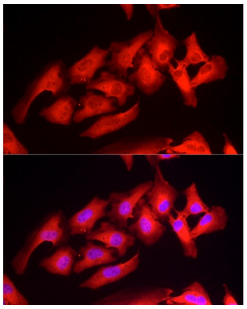
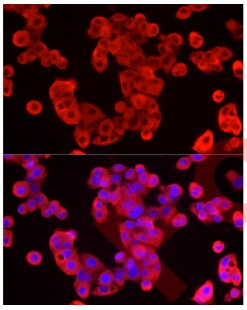


Immunofluorescence analysis of HeLa cells using Peroxiredoxin 2 Antibody (1/50 dilution, 40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HepG2 cells using Peroxiredoxin 2 Antibody (1/50 dilution, 40x lens). Blue: DAPI for nuclear staining.

PRDX2 Antibody is a Rabbit Polyclonal antibody against PRDX2. 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 cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. The crystal structure of this protein has been resolved to 2.7 angstroms. Transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008].

Target: Peroxiredoxin 2 (PRDX2)

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Clonality:	Polyclonal
Reactivity:	Human
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 Peroxiredoxin 2
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P32119 (UniProt, ExPASy)
Gene Symbol:	PRDX2
GeneID:	7001
NCBI Accession:	NP_859428.1
KEGG:	hsa:7001
String:	9606.ENSP00000301522
Molecular Weight:	Calculated MW: 15 kDa/21 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.

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