

## PRDX4 Antibody

Catalog No: #43303

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## Description

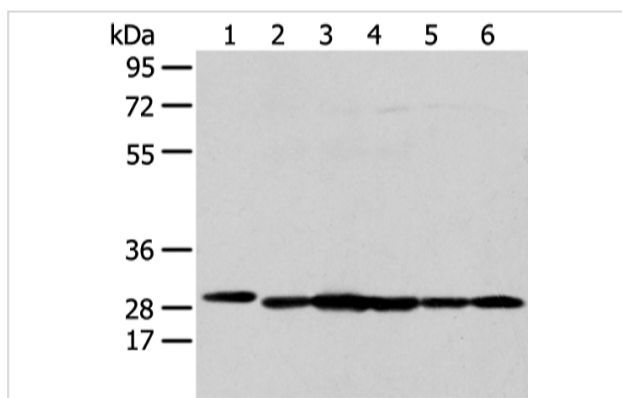
Product Name	PRDX4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total PRDX4 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human PRDX4
Target Name	PRDX4
Other Names	PRX-4; AOE372; AOE37-2; HEL-S-97n
Accession No.	Swiss-Prot#: Q13162Gene ID: 10549
Uniprot	Q13162
GeneID	10549;
Calculated MW	30kd
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 8%SDS-PAGE

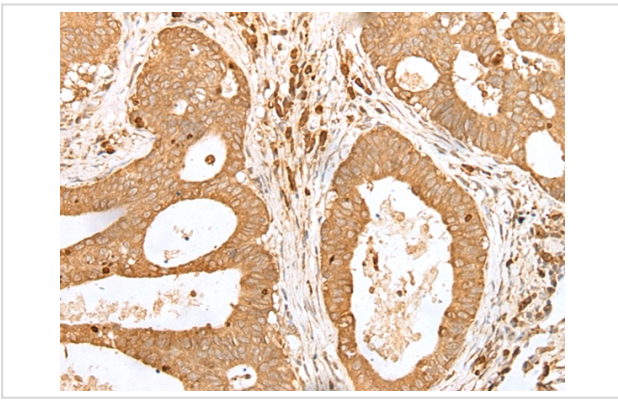
Lysate: 40 µg

Lane 1-6: HeLa,Raji,293T,HepG2,K562 and MCF-7 cell

Primary antibody: 1/300 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 seconds



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #43303 at dilution 1/20,

## Background

The protein encoded by this gene is an antioxidant enzyme and belongs to the peroxiredoxin family. The protein is localized to the cytoplasm. Peroxidases of the peroxiredoxin family reduce hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. This protein has been found to play a regulatory role in the activation of the transcription factor NF-kappaB.?

Note: This product is for in vitro research use only