

PRDX4 Polyclonal Antibody

Catalog Number:E-AB-53411



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

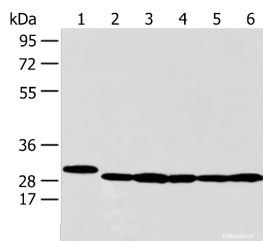
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide of human PRDX4
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
ELISA	1:2000-1:5000

Data



Western blot analysis of 293T HepG2 K562 and MCF-7 cell using PRDX4 Polyclonal Antibody at dilution of 1:350

Observed Mw:Refer to figures
Calculated Mw:30 kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

PRDX4(Peroxiredoxin-4) is also named as AOE37-2,Prx-IV and belongs to the AhpC/TSA family. PRDX4 is associated with acrosome formation during rat spermatogenesis and has a protective role in the male reproductive tract,because the phenotype of mice lacking this isoform includes testicular atrophy and increased sperm DNA damage. It is initially synthesized as a membrane-binding 31-kDa protein and processed into a 27-kDa secretory form and is discarded with the residual bodies. PRDX4 is a pentamer of dimers.

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