PRDX4 Polyclonal Antibody

catalog number: **E-AB-19430**

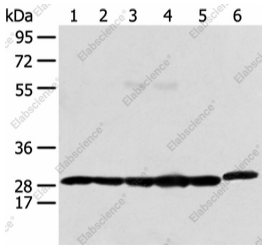
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human PRDX4
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:25-1:100

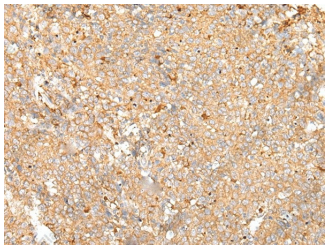
Data



Western blot analysis of 293T Raji and Hela cell using PRDX4 Polyclonal Antibody at dilution of 1:400

Observed-MW:Refer to figures

Calculated-MW:30 kDa



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PRDX4 Polyclonal Antibody at dilution of 1:25(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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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