

PRDX4 Polyclonal Antibody

catalog number: E-AB-19430

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

Description

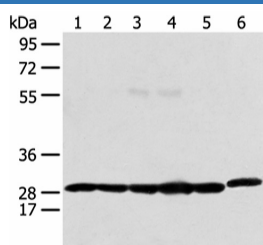
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human PRDX4
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:25-1:100

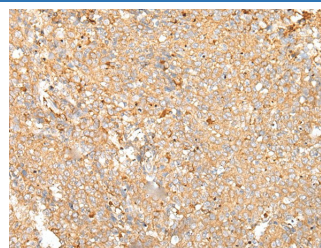
Data



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

Observed-MV: Refer to figures

Calculated-MV: 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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