

PRDX2 antibody

Product Information

Catalog No.:	FNab06321
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	3G4
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

PRDX2, also named as TSA, PRP, NKEFB and TDPX1, belongs to the ahpC/TSA family. It is known to act as an antioxidant enzyme whose main function is H₂O₂ reduction in cells. PRDX2 is involved in redox regulation of the cell. It reduces peroxides with reducing equivalents provided through the thioredoxin system.

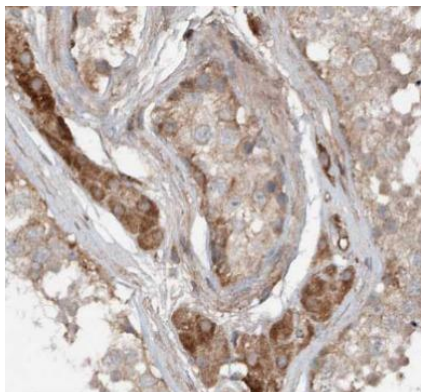
Immunogen information

Immunogen:	peroxiredoxin 2
Synonyms:	Peroxiredoxin-2 Natural killer cell-enhancing factor B (NKEF-B) PRP Thiol-specific antioxidant protein (TSA) Thioredoxin peroxidase 1 Thioredoxin-dependent peroxide reductase 1 Thioredoxin-dependent peroxiredoxin 2 PRDX2 NKEFB TDPX1
Observed MW:	22 kDa
Uniprot ID :	P32119

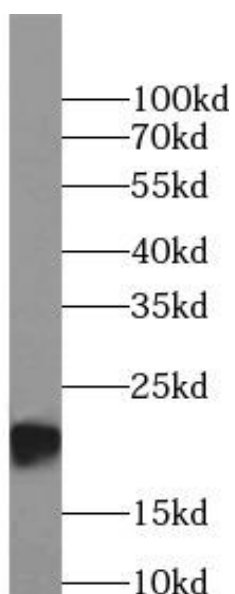
Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC,IF
Recommended dilution:	WB: 1:1000-1:10000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis using FNab06321(PRDX2 antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab06321(PRDX2 Antibody) at dilution of 1:2000