



PRDX3 Polyclonal Antibody

E93076

Catalog Number: E93076**Amount:** 100ul

Background: This gene encodes a protein with antioxidant function and is localized in the mitochondrion. This gene shows significant nucleotide sequence similarity to the gene coding for the C22 subunit of Salmonella typhimurium alkylhydroperoxide reductase. Expression of this gene product in E. coli deficient in the C22-subunit gene rescued resistance of the bacteria to alkylhydroperoxide. The human and mouse genes are highly conserved, and they map to the regions syntenic between mouse and human chromosomes. Sequence comparisons with recently cloned mammalian homologues suggest that these genes consist of a family that is responsible for regulation of cellular proliferation, differentiation, and antioxidant functions. Two transcript variants encoding two different isoforms have been found for this gene.

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: AOP1; MER5; AOP-1; SP-22; HBC189; PRO1748; prx-III;

Immunogen: A synthetic peptide of humanPRDX3

Purification: Affinity purification

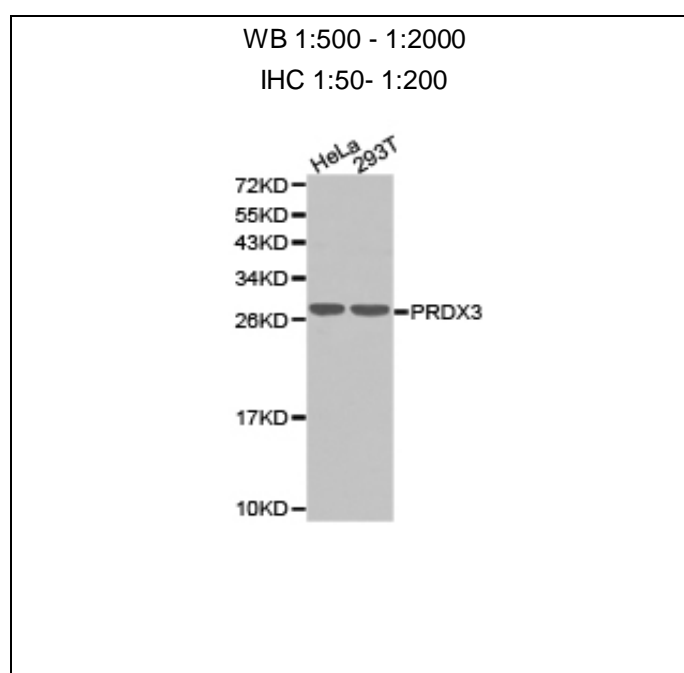
Reactivity: H M R

Applications: WB IHC

Molecular Weight: 28kDa

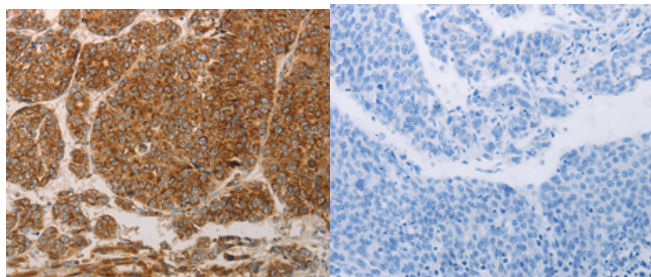
Swiss-Prot No. : P30048

Gene ID: 10935



For Research Use Only

Western blot analysis of extracts of various celllines, using
PRDX3antibody.



Immunohistochemistry of paraffin-embedded human liver
tissue using PRDX3antibody.