

Peroxiredoxin 3 Recombinant Rabbit mAb

Catalog: BS47122

Host: Rabbit

Reactivity: Human

BackGround:

This gene encodes a mitochondrial protein with antioxidant function. The protein is similar to the C22 subunit of Salmonella typhimurium alkylhydroperoxide reductase, and it can rescue bacterial resistance to alkylhydroperoxide in E. coli that lack the C22 subunit. 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 homologs suggest that these genes consist of a family that is responsible for the regulation of cellular proliferation, differentiation and antioxidant functions. This family member can protect cells from oxidative stress, and it can promote cell survival in prostate cancer. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1, 3, 13 and 22. [provided by RefSeq, Oct 2014]

Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Molecular Weight:

28 kDa

Swiss-Prot:

P30048

Purification&Purity:

Affinity Purification

Applications:

WB: 1:2000-1:10000
IHC: 1:50
ICC/IF: 1:50
FC: 1:20
IP: 1:20-1:100

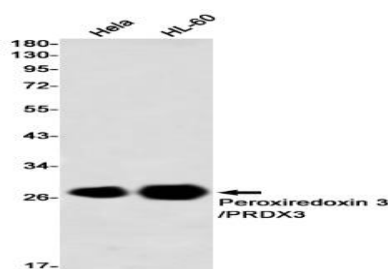
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



Western blot detection of Peroxiredoxin 3/PRDX3 in HeLa, HL-60, using Peroxiredoxin 3/PRDX3 antibody (1:1000 diluted).

Note:

For research use only, not for use in diagnostic procedure.

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