Peroxiredoxin 3 Rabbit Monoclonal Antibody

CAB2398

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

25KDa

Calculated MW:

26kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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]

Immunogen information

Gene ID:
10935

Uniprot
P30048

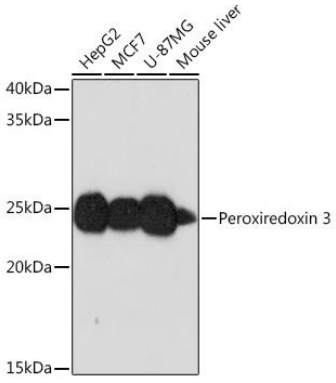
Synonyms:
AOP-1; AOP1; HBC189; MER5; PRO1748; SP-22; prx-III

Immunogen:
A synthesized peptide derived from human Peroxiredoxin 3

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Copyright © 2021 Assay Genie

Product Images



Western blot - Peroxiredoxin 3 Rabbit mAb (CAB2398)