

Product Name: Peroxiredoxin 2 Rabbit Monoclonal Antibody
Catalog #: AMRe03144

Summary

Production Name	Peroxiredoxin 2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	PRDX2
Alternative Names	PRDX2; NKEFB; TDPX1; Peroxiredoxin-2; Natural killer cell-enhancing factor B; NKEF-B; PRP; Thiol-specific antioxidant protein; TSA; Thioredoxin peroxidase 1; Thioredoxin-dependent peroxide reductase 1
Gene ID	7001
SwissProt ID	P32119.

Application

Dilution Ratio	WB: 1:500-1:1000 IP: 1:20
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 22 kDa

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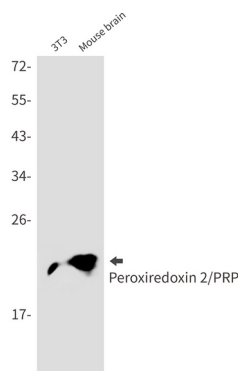
Background

This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression.

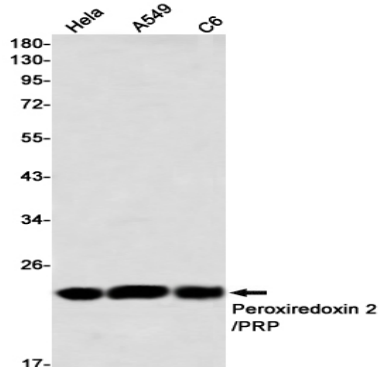
Research Area

Neuroscience

Image Data



Western blot analysis of Peroxiredoxin 2/PRP in 3T3, mouse brain lysates using Peroxiredoxin 2 antibody.



Western blot analysis of Peroxiredoxin 2/PRP in HeLa, A549, C6 lysates using Peroxiredoxin 2/PRP antibody.

Note

For research use only.