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

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.65mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 22 kDa; Observed MW: 22 kDa

**Antigen Information**

<b>Gene Name</b>	PRDX2 PRDX2; NKEFB; TDPX1; Peroxiredoxin-2; Natural killer cell-enhancing factor B; NKEF-B; PRP;
<b>Alternative Names</b>	Thiol-specific antioxidant protein; TSA; Thioredoxin peroxidase 1; Thioredoxin-dependent peroxide reductase 1
<b>Gene ID</b>	7001
<b>SwissProt ID</b>	P32119
<b>Immunogen</b>	A synthetic peptide of human Peroxiredoxin 2/PRP

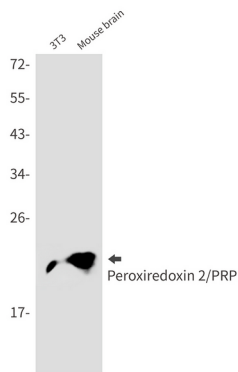
**Background**

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.

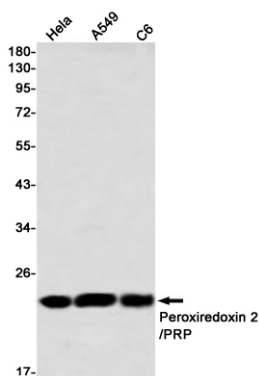
## Research Area

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.