

# Peroxioredoxin 2 Rabbit mAb

Catalog # AP76651

## Product Information

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<b>Application</b>	WB, IP
<b>Primary Accession</b>	<a href="#">P32119</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	21892

## Additional Information

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<b>Gene ID</b>	7001
<b>Other Names</b>	PRDX2
<b>Dilution</b>	WB~~1/500-1/1000 IP~~1/20
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

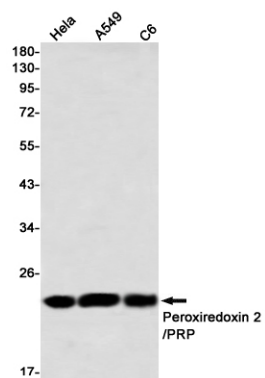
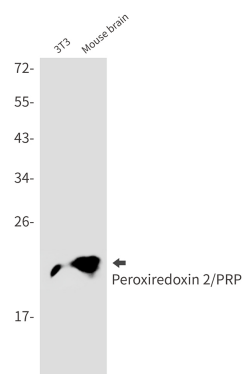
## Protein Information

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<b>Name</b>	PRDX2
<b>Synonyms</b>	NKEFB, TDPX1
<b>Function</b>	Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides and as sensor of hydrogen peroxide-mediated signaling events. Might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H(2)O(2).
<b>Cellular Location</b>	Cytoplasm.

## Images

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