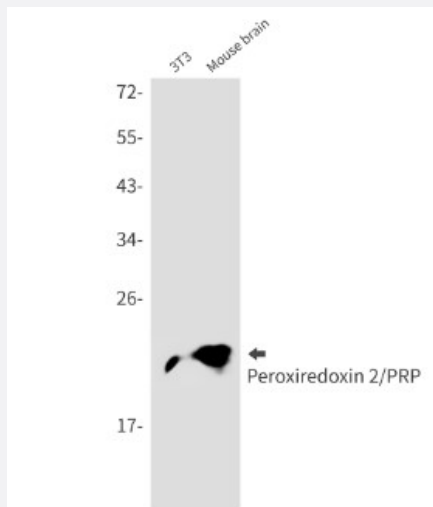


RecomAb™

# PRDX2 recombinant monoclonal antibody, clone R01-0F0

Catalog # RAB01387      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of 3T3, mouse brain lysates with PRDX2 recombinant monoclonal antibody, clone R01-0F0 (Cat # RAB01387).

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human PRDX2.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against recombinant protein corresponding to human PRDX2.
<b>Theoretical MW (kDa)</b>	Calculated MW: 22 kD
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG

<b>Recommend Usage</b>	Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
<b>Storage Instruction</b>	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western Blot analysis of 3T3, mouse brain lysates with PRDX2 recombinant monoclonal antibody, clone R01-0F0 (Cat # RAB01387).

- Immunoprecipitation

## Gene Info — PRDX2

<b>Entrez GeneID</b>	<a href="#">7001</a>
<b>Protein Accession#</b>	<a href="#">P32119</a>
<b>Gene Name</b>	PRDX2
<b>Gene Alias</b>	MGC4104, NKEFB, PRP, PRX2, PRXII, TDPX1, TSA
<b>Gene Description</b>	peroxiredoxin 2
<b>Omim ID</b>	<a href="#">600538</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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. The crystal structure of this protein has been resolved to 2.7 angstroms. Transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]
<b>Other Designations</b>	natural killer-enhancing factor B thiol-specific antioxidant 1 thioredoxin peroxidase 1 thioredoxin-dependent peroxide reductase 1 torin

## Disease

- [Alzheimer disease](#)
- [Arsenic Poisoning](#)
- [Cognition](#)
- [DNA Damage](#)