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**Product Name: Peroxiredoxin 1 Rabbit Monoclonal Antibody****Catalog #: AMRe21468**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.3mg/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>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
<b>Purification</b>	Protein A

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
<b>Molecular Weight</b>	Calculated MW:22kD;Observed MW:26kD

**Antigen Information**

<b>Gene Name</b>	PRDX1 PRDX1;PAGA;PAGB;TDPX2;Peroxiredoxin-1;Natural killer cell-enhancing factor A;NKEF-
<b>Alternative Names</b>	A;Proliferation-associated gene protein;PAG;Thioredoxin peroxidase 2;Thioredoxin-dependent peroxide reductase 2
<b>Gene ID</b>	5052.0
<b>SwissProt ID</b>	Q06830
<b>Immunogen</b>	A synthetic peptide of human Peroxiredoxin 1/PAG

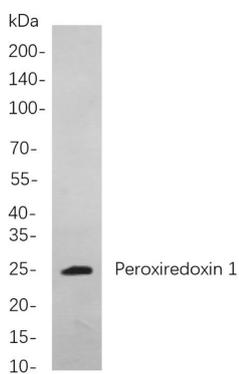
**Background**

Cell localization:Cytoplasm.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. Four transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jan 2011],

## Research Area

## Image Data



Western blot analysis of lysates from HEK293 cells, using Peroxiredoxin 1 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.