



## Rabbit Anti-Peroxiredoxin-6 antibody

SL23508R

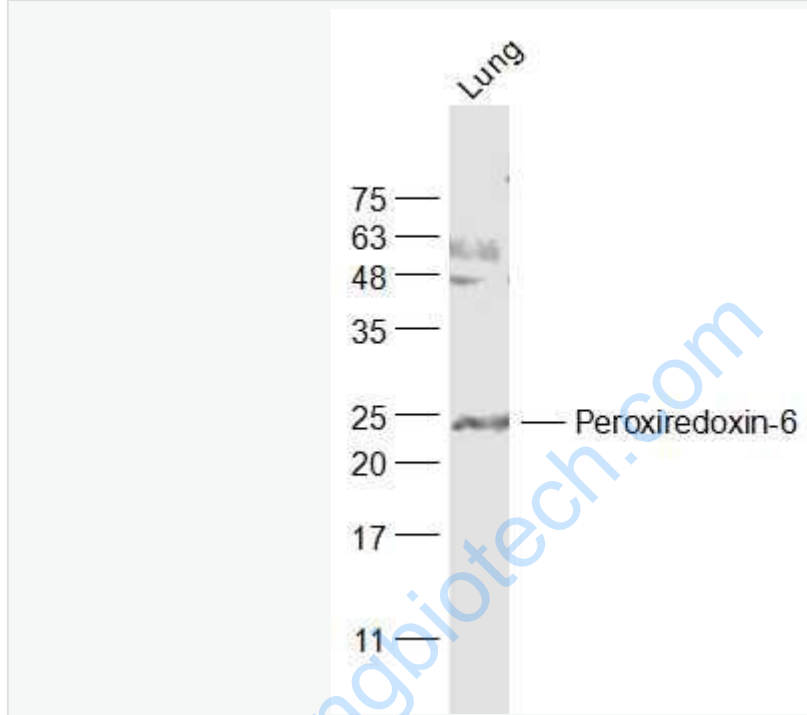
<b>Product Name:</b>	Peroxiredoxin-6
<b>Chinese Name:</b>	过氧化物还原酶6抗体
<b>Alias:</b>	1 Cys antibody; 1 Cys peroxiredoxin; 1 Cys PRX; 1 cysPrx; 1-Cys peroxiredoxin; 1-Cys PRX; 24 kDa protein; 9430088D19Rik; AA690119; Acidic calcium independent phospholipase A2; Acidic calcium-independent phospholipase A2; aiPLA2; Antioxidant protein 2; AOP2; Aop2 rs3; Brp 12; Ciliary body glutathione peroxidase; CP 3; EC 1.11.1.15; EC 1.11.1.7; EC 3.1.1. ; Epididymis secretory sperm binding protein Li 128m ; GPx; HEL S 128m ; KIAA0106; Liver 2D page spot 40; Ltw4; Lvtw 4 ; MGC46173; mKIAA0106; Non selenium glutathione peroxidase; Non-selenium glutathione peroxidase; NSGPx; ORF06; OTTHUMP00000032693; p29; Peroxiredoxin6; PHGPx; Phospholipase A2 lysosomal; PLA2; PRDX 6; PRDX6; Prdx6 rs3; PRDX6_HUMAN; PRX; Red blood cells page spot 12; Thiol specific antioxidant protein;
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	25kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Peroxiredoxin-6:151-224/224
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The protein encoded by this gene is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell; it can reduce H(2)O(2) and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury. [provided by RefSeq, Jul 2008]</p> <p><b>Function:</b> Involved in redox regulation of the cell. Can reduce H(2)O(2) and short chain organic, fatty acid, and phospholipid hydroperoxides. May play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.</p> <p><b>Subcellular Location:</b> Cytoplasm. Lysosome. Cytoplasmic vesicle. Also found in lung secretory organelles.</p> <p><b>Similarity:</b> Belongs to the ahpC/TSA family. Rehydrin subfamily. Contains 1 thioredoxin domain.</p> <p><b>SWISS:</b> P30041</p> <p><b>Gene ID:</b> 9588</p> <p><b>Database links:</b>  <a href="#">Entrez Gene: 9588</a>Human  <a href="#">Entrez Gene: 11758</a>Mouse  <a href="#">Entrez Gene: 94167</a>Rat  <a href="#">Omim: 602316</a>Human  <a href="#">SwissProt: P30041</a>Human  <a href="#">SwissProt: O08709</a>Mouse  <a href="#">SwissProt: O35244</a>Rat  <a href="#">Unigene: 120</a>Human  <a href="#">Unigene: 186185</a>Mouse  <a href="#">Unigene: 42</a>Rat</p>

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Sample:

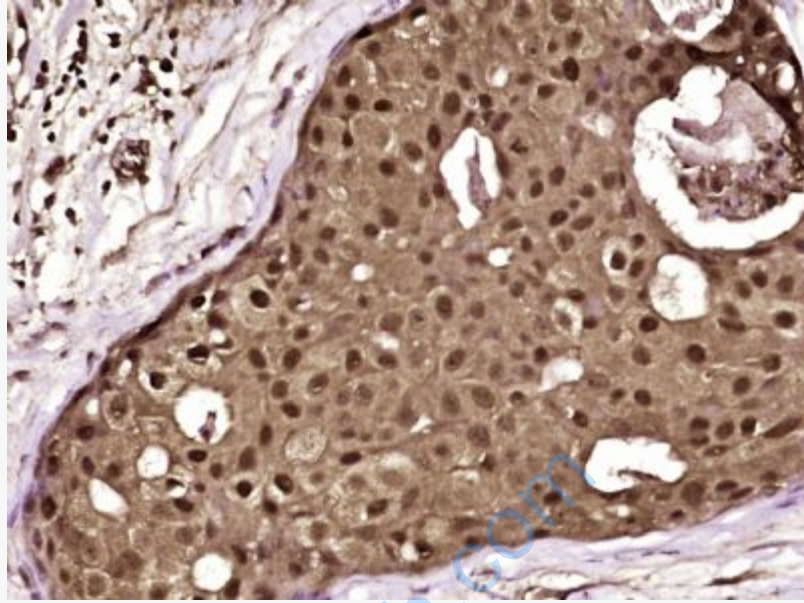
Lung (Rat) Lysate at 40 ug

Primary: Anti-Peroxiredoxin-6 (SL23508R) at 1/1000 dilution

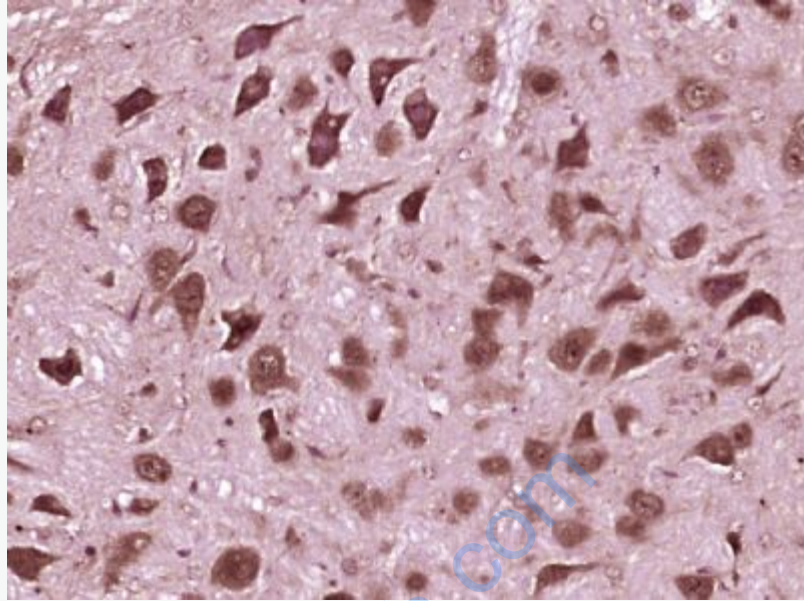
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 25 kD

Observed band size: 25 kD



Paraformaldehyde-fixed, paraffin embedded (Human breast cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Peroxiredoxin-6) Polyclonal Antibody, Unconjugated (SL23508R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Peroxiredoxin-6) Polyclonal Antibody, Unconjugated (SL23508R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.