

## Anti-Glutathione Peroxidase 4/GPX4 Rabbit pAb

WL05406

For Research Use Only. Not For Use In Diagnostic Procedures

### Product Information

<b>Product name</b>	Anti-Glutathione Peroxidase 4/GPX4 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat, Cow	
<b>Tested applications</b>	WB	1:500-1:1000
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

### General Information

<b>Background</b>	GPX4 (Phospholipid hydroperoxide glutathione peroxidase, mitochondrial) protects cells against membrane lipid peroxidation and cell death. It is also required for normal sperm development; thus, it has been identified as a 'moonlighting' protein because of its ability to serve dual functions as a peroxidase, as well as a structural protein in mature spermatozoa.
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<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Glutathione Peroxidase 4/GPX4.
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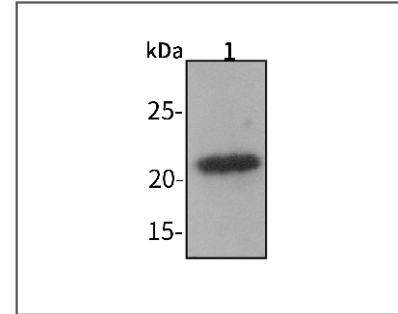
<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.
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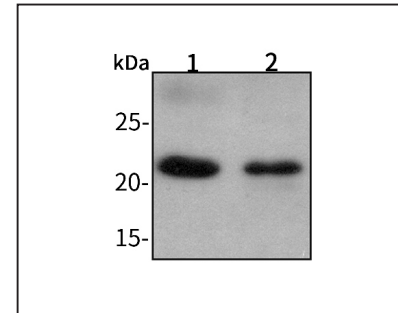
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### Product Images



#### Western blot-Anti-Glutathione Peroxidase 4/GPX4 pAb

Lane 1: Human HEK-293 cell lysate  
 All lanes: Anti-Glutathione Peroxidase 4/GPX4 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 22 kDa  
 Observed band size: 22 kDa



#### Western blot-Anti-Glutathione Peroxidase 4/GPX4 pAb

Lane 1: Mouse kidney tissue lysate  
 Lane 2: Mouse kidney tissue lysate  
 All lanes: Anti-Glutathione Peroxidase 4/GPX4 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 22 kDa  
 Observed band size: 22 kDa