

IHC*easy* PRDX6 Ready-To-Use IHC Kit

Catalog Number: **KHC0513**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Polyclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

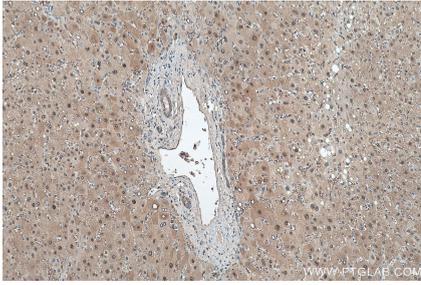
Background

PRDX6 (Peroxiredoxin-6), also named as AOP2 or KIAA0106, is a unique member of the peroxiredoxin family of antioxidants. PRDX6 is highly expressed in liver and protects cells from oxidative damage by reducing H₂O₂ and various lipid Peroxides. It can form a dimer. PRDX6 is expressed in all major organs, with a particularly high level in lung.

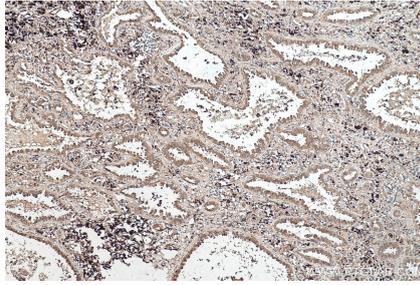
Synonyms

1 Cys, 1 Cys peroxiredoxin, 1 Cys PRX, 24 kDa protein, aiPLA2, Antioxidant protein 2, AOP2, KIAA0106, Liver 2D page spot 40, NSGPx, p29, peroxiredoxin 6, PRDX6, PRX, Red blood cells page spot 12

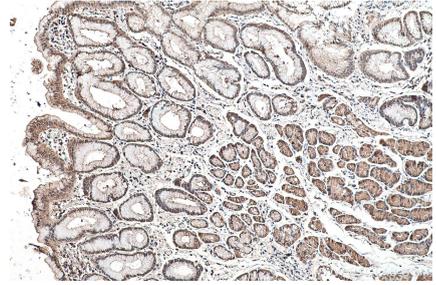
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0513 (PRDX6 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0513 (PRDX6 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human stomach cancer (NAT) tissue slide using KHC0513 (PRDX6 IHC Kit).