

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.

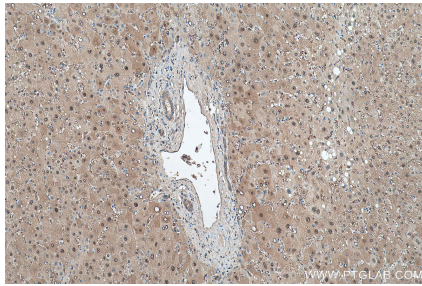
Background

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.

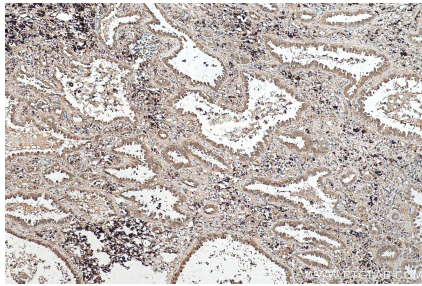
Synonyms

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

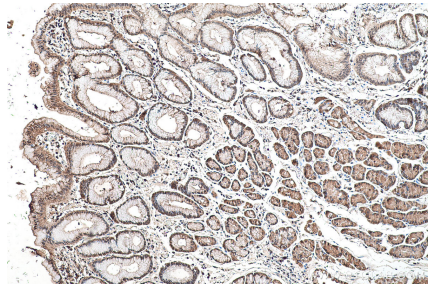
Selected Validation Data



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).