

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

PRDX6 RABBIT PAB

Cat.#: S216746

Product Name: Anti-PRDX6 Rabbit Polyclonal Antibody

Synonyms: PR,x p29, AOP2, 1-Cys, NSGP,x aiPLA2

UNIPROT ID: P30041 (Gene Accession - BC035857)

Background: 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. **Immunogen:** Fusion protein of human PRDX6

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

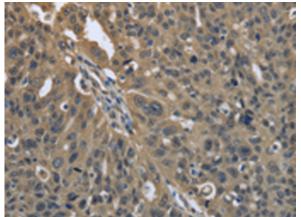
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Metabolism, Cancer, Cell Biology, Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

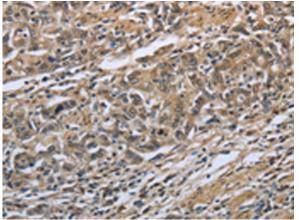


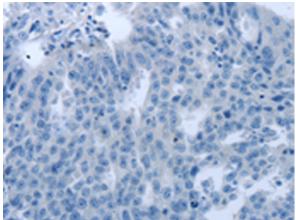
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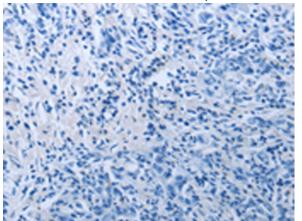


Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 216746(PRDX6 Antibody) at a dilution of 1/25(Cytoplasm).

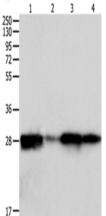




In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the fusion protein and then with 216746(Anti-PRDX6 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 216746(Anti-PRDX6 Antibody) at a dilution of is first treated with fusion protein and then with D221159(Anti-PRDX6 Antibody) at dilution 1/25.



Gel: 12%SDS-PAGE, Lysate: 60 µg; Lane 1-4: Hela cells, mouse intestinum tenue tissue, 293T cells, 231 cells; Primary antibody: 216746(PRDX6 Antibody) at dilution 1/300; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution; Exposure time: 1 second



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