

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **PTGIS RABBIT PAB**

Cat.#: S214270

Product Name: Anti-PTGIS Rabbit Polyclonal Antibody

Synonyms: CYP8; PGIS; PTGI; CYP8A1

UNIPROT ID: Q16647 (Gene Accession - NP\_000952)

**Background:** This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. However, this protein is considered a member of the cytochrome P450 superfamily on the basis of sequence similarity rather than functional

similarity.

Immunogen: Synthetic peptide of human PTGIS

**Applications:** ELISA, WB, IHC

Recommended Dilutions: IHC: 20-100;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

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

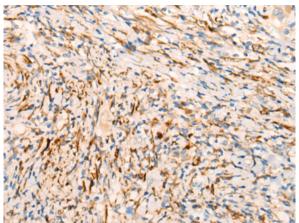
Biology

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

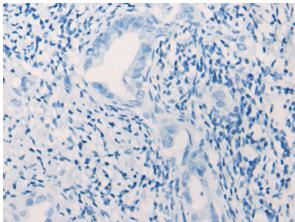


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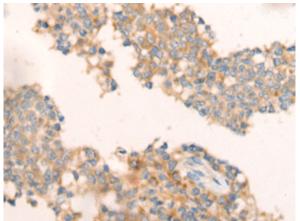
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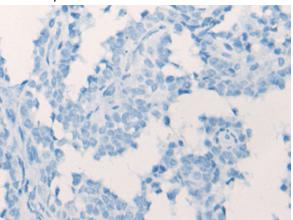


Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 214270(PTGIS Antibody) at a dilution of 1/25(Cell membrane).



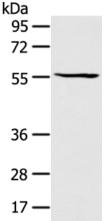
In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 214270(Anti-PTGIS Antibody) at dilution 1/25.





The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue paraffin-embedded Human ovarian cancer tissue using 214270(Anti-PTGIS Antibody) at a dilution of is first treated with synthetic peptide and then 1/25.

with D161601(Anti-PTGIS Antibody) at dilution 1/25.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: Mouse lung tissue;

Primary antibody: 214270(PTGIS Antibody) at

dilution 1/200;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 30 seconds



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