

## PTGDS RABBIT PAB

货号: S216756

产品全名: PTGDS 兔多抗

基因符号: PDS; PGD2; PGDS; LPGDS; PGDS2; L-PGDS

**UNIPROT ID:** P41222 (Gene Accession - BC005939)

**背景:** The protein encoded by this gene is a glutathione-independent prostaglandin D synthase that catalyzes the conversion of prostaglandin H<sub>2</sub> (PGH<sub>2</sub>) to prostaglandin D<sub>2</sub> (PGD<sub>2</sub>). PGD<sub>2</sub> functions as a neuromodulator as well as a trophic factor in the central nervous system. PGD<sub>2</sub> is also involved in smooth muscle contraction/relaxation and is a potent inhibitor of platelet aggregation. This gene is preferentially expressed in brain. Studies with transgenic mice overexpressing this gene suggest that this gene may be also involved in the regulation of non-rapid eye movement sleep.

**抗原:** Fusion protein of human PTGDS

**经过测试的应用:** ELISA, WB, IHC

**推荐稀释比:** IHC: 100-300;WB: 1000-5000;ELISA: 5000-10000

**种属反应性:** Rabbit

**克隆性:** Rabbit Polyclonal

**亚型:** Immunogen-specific rabbit IgG

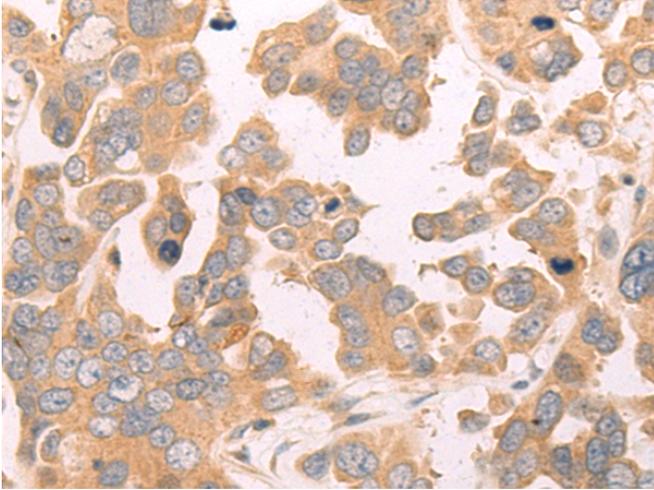
**纯化:** Antigen affinity purification

**种属反应性:** Human, Mouse

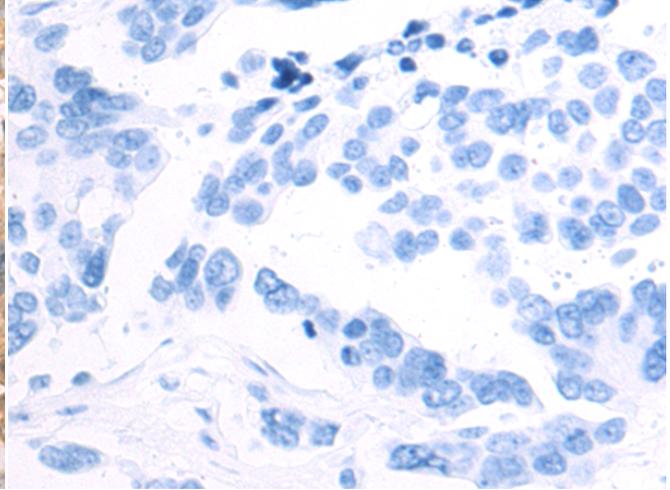
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**研究领域:** Signal Transduction

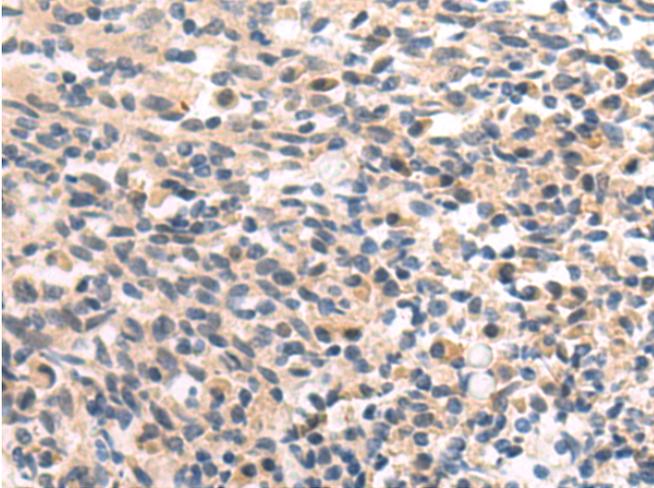
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



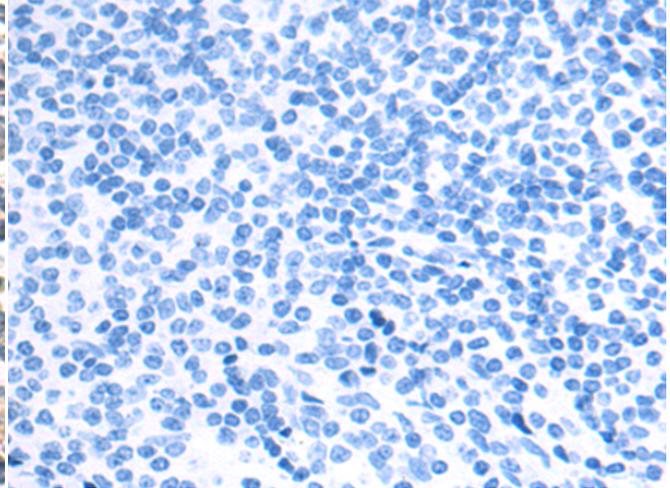
Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 216756(PTGDS Antibody) at a dilution of 1/120(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 216756(Anti-PTGDS Antibody) at dilution 1/120.

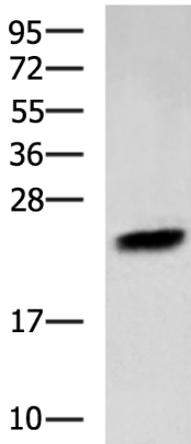


The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 216756(Anti-PTGDS Antibody) at a dilution of 1/120.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D221182(Anti-PTGDS Antibody) at dilution 1/120.

kDa



Gel: 12%SDS-PAGE, Lysate: 40 µg;  
Lane: Mouse eye tissue lysate;  
Primary antibody: 216756(PTGDS Antibody) at dilution 1/1300;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 1 minute



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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