

## PTGS2 RABBIT PAB

货号: S217795

产品全名: PTGS2 兔多抗

基因符号 COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS

**UNIPROT ID:** P35354 (Gene Accession - BC013734)

**背景:** Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin biosynthesis, and acts both as a dioxygenase and as a peroxidase. There are two isozymes of PTGS: a constitutive PTGS1 and an inducible PTGS2, which differ in their regulation of expression and tissue distribution. This gene encodes the inducible isozyme. It is regulated by specific stimulatory events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis.

**抗原:** Fusion protein of human PTGS2

**经过测试的应用:** ELISA, WB, IHC

**推荐稀释比:** IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

**种属反应性:** Rabbit

**克隆性:** Rabbit Polyclonal

**亚型:** Immunogen-specific rabbit IgG

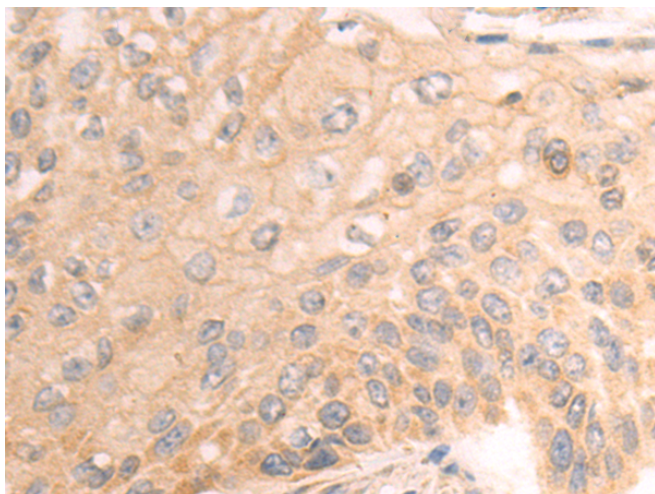
**纯化:** Antigen affinity purification

**种属反应性:** Human, Mouse, Rat

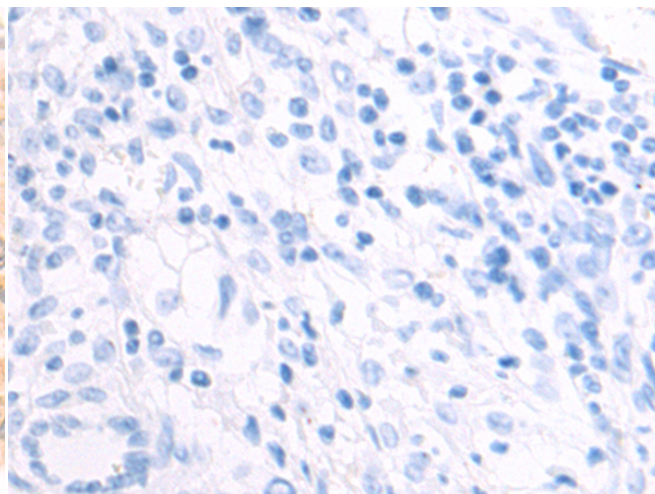
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**研究领域:** Signal Transduction, Cancer, Metabolism, Cardiovascular

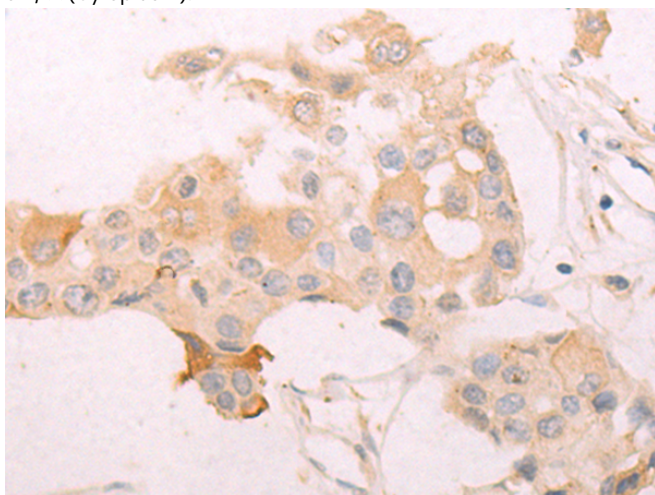
**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



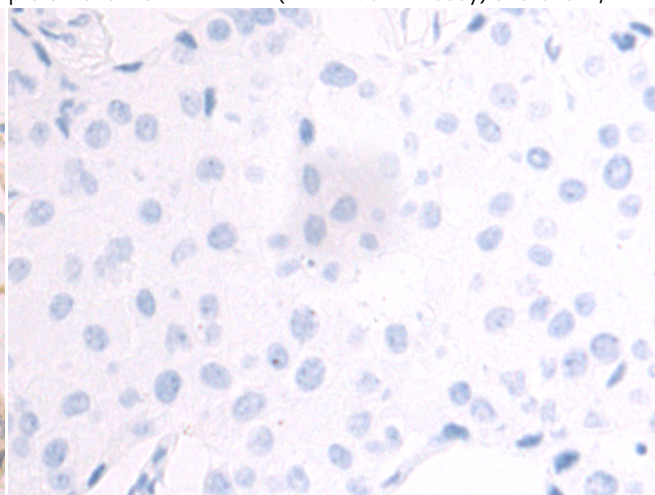
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 217795 (PTGS2 Antibody) at a dilution of 1/55 (Cytoplasm).



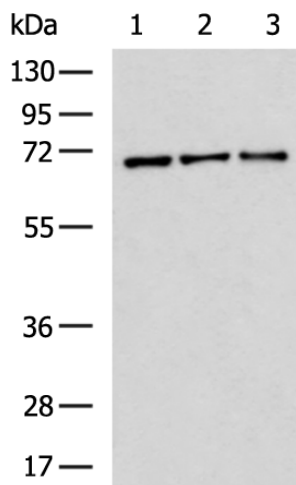
In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 217795 (Anti-PTGS2 Antibody) at dilution 1/55.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 217795 (Anti-PTGS2 Antibody) at a dilution of 1/55.



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with fusion protein and then with D223097 (Anti-PTGS2 Antibody) at dilution 1/55.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-3: SKOV3, LOVO and Hela cell lysates;  
 Primary antibody: 217795 (PTGS2 Antibody) at dilution 1/600;  
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
 Exposure time: 40 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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