

## CYCLOOXYGENASE 2 RABBIT MAB

货号: N262058

产品全名: Cyclooxygenase 2 兔单克隆抗体

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

**UNIPROT ID:** P35354

**背景:** Converts arachidonate to prostaglandin H<sub>2</sub> (PGH<sub>2</sub>), a committed step in prostanoid synthesis. Constitutively expressed in some tissues in physiological conditions, such as the endothelium, kidney and brain, and in pathological conditions, such as in cancer. PTGS2 is responsible for production of inflammatory prostaglandins. Up-regulation of PTGS2 is also associated with increased cell adhesion, phenotypic changes, resistance to apoptosis and tumor angiogenesis. In cancer cells, PTGS2 is a key step in the production of prostaglandin E<sub>2</sub> (PGE<sub>2</sub>), which plays important roles in modulating motility, proliferation and resistance to apoptosis.

**抗原:** A synthetic peptide of human COX2

**经过测试的应用:** WB,IHC-P

**推荐稀释比:** WB: 1/500-1/1000 IHC: 1/50-1/100

**种属反应性:** Rabbit

**克隆性:** Rabbit Monoclonal

**克隆编号:** R04-3II

**分子量:** Calculated MW: 69 kDa; Observed MW: 69 kDa

**亚型:** IgG

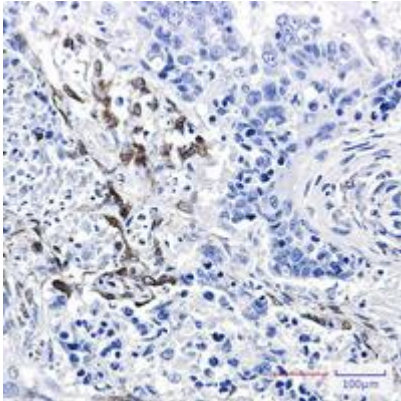
**纯化:** Affinity Purified

**种属反应性:** Human, Mouse and Rat

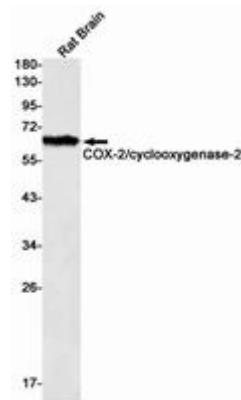
**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** Cardiovascular

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



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using COX2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of COX2/cyclooxygenase-2 in rat Brain lysates using Cyclooxygenase 2 antibody.