

产品名称: Cyclooxygenase 2 Rabbit Monoclonal Antibody
产品货号: AMRe01845



产品概述 (Summary)

产品名称 (Production Name)	Cyclooxygenase 2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PTGS2
别名 (Alternative Names)	COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS
基因 ID (Gene ID)	5743
蛋白 ID (SwissProt ID)	P35354.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW: 69 kDa; Observed MW: 69 kDa

研究背景 (Background)

Converts arachidonate to prostaglandin H2 (PGH2), a committed step in prostanoid synthesis. Constitutively expressed in

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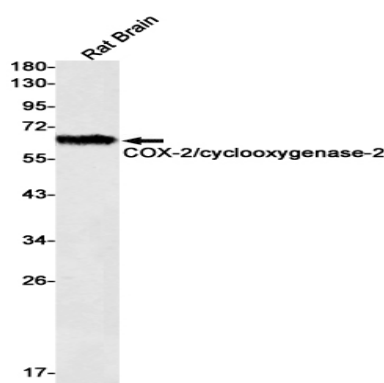


some tissues in physiological conditions, such as the endothelium, kidney and brain, and in pathological conditions, such as in cancer. PTGS2 is responsible for production of inflammatory prostaglandins. Up-regulation of PTGS2 is also associated with increased cell adhesion, phenotypic changes, resistance to apoptosis and tumor angiogenesis. In cancer cells, PTGS2 is a key step in the production of prostaglandin E2 (PGE2), which plays important roles in modulating motility, proliferation and resistance to apoptosis.

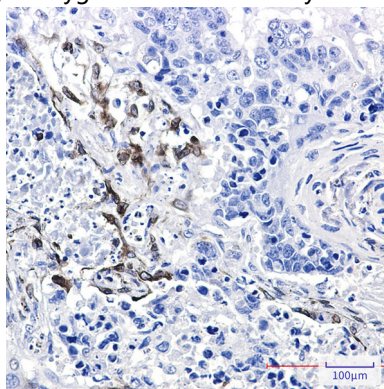
研究领域 (Research Area)

Cardiovascular

图片 (Image Data)



Western blot analysis of COX2/cyclooxygenase2 in rat Brain lysates using Cyclooxygenase 2 antibody.



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.

注意事项 (Note)

For research use only .