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COX2/PTGS2 Rabbit pAb

货号: **AYP10979**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<p>WB: Mouse embryonal fibroblast cell , RAW264.7,Mouse kidney , Homo sapiens , Mus musculus , Sus scr ofa , Trifolium pratense , Rattus norvegicus , Schisandra chinensis , Boswellia carterii , Gallus gallus , Homo sapiens , Mus musculus , acy</p> <p>IHC: RAW264.7,Mouse kidney , Mus musculus , Homo sapiens , Rattus norvegicus</p> <p>IF: Mus musculus,Homo sapiens , Homo sapiens , Mus musculus</p> <p>Histological staining: mouse</p> <p>WB, IHC: Homo sapiens</p> <p>WB, IF: Rattus norvegicus</p>
应用	WB IHC
推荐浓度	<p>WB: 1:500 - 1:1000</p> <p>IHC: 1:50 - 1:200</p>
理论分子量	68kDa
实测分子量	69KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rat uterus
细胞定位	Endoplasmic reticulum membrane,Microsome membrane,Peripheral membrane protein
纯化	Affinity purification

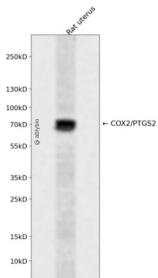
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 18-111 of COX2/PTGS2 (NP_000954.1).
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靶点信息

研究背景	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.
基因ID	5743
基因名	PTGS2
Swiss	P35354 (https://www.uniprot.org/uniprotkb/P35354/entry)
别名	PTGS2,COX-2,COX2,GRIPGHS,PGG/HS,PGHS-2,PHS-2,hCox-2,COX2/PTGS2 Rabbit pAb,Cyclooxygenase-2,PHS II,Prostaglandin H2 synthase 2,Prostaglandin-endoperoxide synthase 2

产品验证



Western blot analysis of COX2/PTGS2 expressed in Rat uterus using COX2/PTGS2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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