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Prostaglandin E Synthase (YD14315) Rabbit mAb

货号: AYD14205

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	
理论分子量	17kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	
细胞定位	Membrane, Cytoplasm, perinuclear region
纯化	亲和纯化

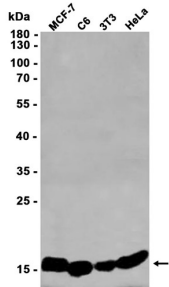
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靶点信息

研究背景	Terminal enzyme of the cyclooxygenase (COX)-2-mediated prostaglandin E2 (PGE2) biosynthetic pathway. Catalyzes the glutathione-dependent oxidoreduction of prostaglandin endoperoxide H2 (PGH2) to prostaglandin E2 (PGE2) in response to inflammatory stimuli (PubMed:10377395, PubMed:10869354, PubMed:12244105, PubMed:12460774, PubMed:12672824, PubMed:18682561). Plays a key role in inflammation response, fever and pain (By similarity). Also catalyzes the oxidoreduction of endocannabinoids into prostaglandin glycerol esters and PGG2 into 15-hydroperoxy-PGE2 (PubMed:12244105, PubMed:12672824). In addition, displays low glutathione transferase and glutathione-dependent peroxidase activities, toward 1-chloro-2,4-dinitrobenzene and 5-hydroperoxyicosatetraenoic acid (5-HPETE), respectively (PubMed:12672824)
基因ID	9536
基因名	PTGES
Swiss	O14684 (https://www.uniprot.org/uniprotkb/O14684/entry)
别名	Prostaglandin E Synthase (YD14315),Prostaglandin E Synthase (YD14315) Rabbit mAb,PTGES,Glutathione peroxidase PTGES,Glutathione transferase PTGES,Microsomal glutathione S-transferase 1-like 1,Microsomal prostaglandin E synthase 1,p53-induced gene 12 protein,MGST1L1,MPGES1,PGES

产品验证



实验步骤

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