

产品名称: PGE synthase Rabbit Polyclonal Antibody
产品货号: APRab16030



产品概述 (Summary)

产品名称 (Production Name)	PGE synthase Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
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)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PTGES
别名 (Alternative Names)	PTGES; MGST1L1; MPGES1; PGES; PIG12; Prostaglandin E synthase; Microsomal glutathione S-transferase 1-like 1; MGST1-L1; Microsomal prostaglandin E synthase 1; MPGES-1; p53-induced gene 12 protein
基因 ID (Gene ID)	9536.0
蛋白 ID (SwissProt ID)	O14684.The antiserum was produced against synthesized peptide derived from human PGE synthase. AA range:30-79

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	17kDa

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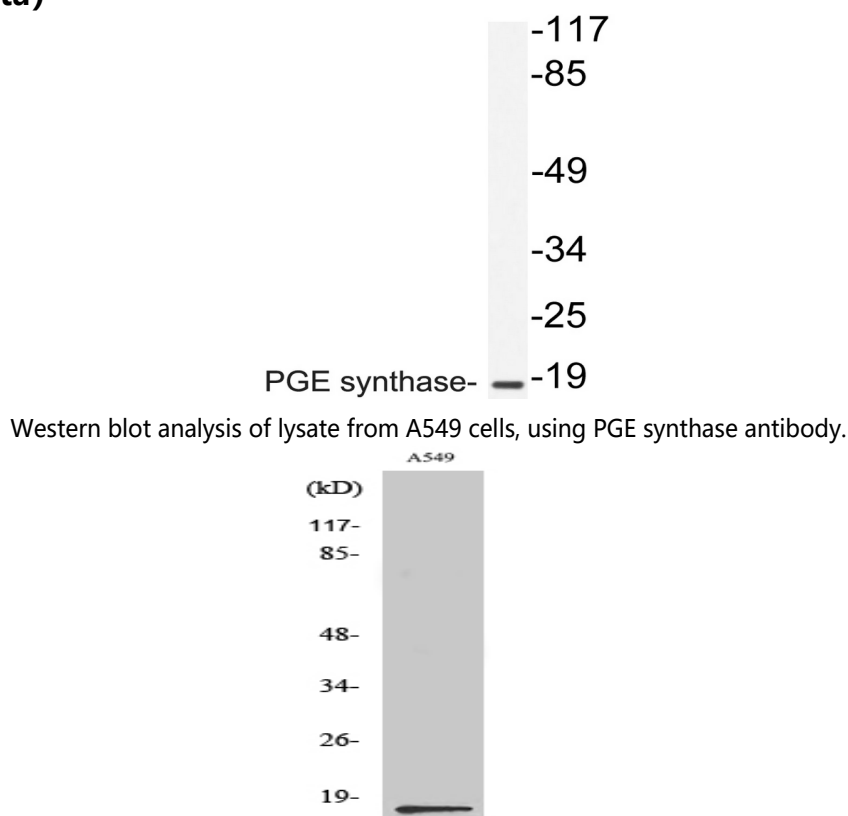
研究背景 (Background)

prostaglandin E synthase (PTGES) Homo sapiens The protein encoded by this gene is a glutathione-dependent prostaglandin E synthase. The expression of this gene has been shown to be induced by proinflammatory cytokine interleukin 1 beta (IL1B). Its expression can also be induced by tumor suppressor protein TP53, and may be involved in TP53 induced apoptosis. Knockout studies in mice suggest that this gene may contribute to the pathogenesis of collagen-induced arthritis and mediate acute pain during inflammatory responses. [provided by RefSeq, Jul 2008], catalytic activity: (5Z,13E)-(15S)-9- α ,11- α -epidioxy-15-hydroxyprosta-5,13-dienoate = (5Z,13E)-(15S)-11- α ,15-dihydroxy-9-oxoprosta-5,13-dienoate., induction: By TP53/p53., similarity: Belongs to the MAPEG family., subunit: Homotrimer.,

研究领域 (Research Area)

Arachidonic acid metabolism;

图片 (Image Data)



Western Blot analysis of various cells using PGE synthase Polyclonal Antibody diluted at 1 : 500

注意事项 (Note)

For research use only .

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