

Summary

Production Name	PGE synthase Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	PTGES
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
Gene ID	9536.0
SwissProt ID	O14684.The antiserum was produced against synthesized peptide derived from human PGE synthase. AA range:30-79

Application

Dilution Ratio	WB 1:500-2000 ELISA 2000-20000
Molecular Weight	17kD

Product Name: PGE synthase Rabbit Polyclonal Antibody
Catalog #: APRab16030



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-alpha,11-alpha-epidioxy-15-hydroxyprosta-5,13-dienoate = (5Z,13E)-(15S)-11-alpha,15-dihydroxy-9-oxoprosta-5,13-dienoate., induction: By TP53/p53., similarity: Belongs to the MAPEG family., subunit: Homotrimer.,

Research Area

Arachidonic acid metabolism;

Image Data



Western blot analysis of lysate from A549 cells, using PGE synthase antibody.



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

Note

For research use only.

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