

Datasheet for ABIN7216522
anti-PGE Synthase antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µL
Target:	PGE Synthase
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PGE Synthase antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	PGE synthase Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the Internal region of human PGE synthase
Isotype:	IgG
Specificity:	PGE synthase Polyclonal Antibody detects endogenous levels of PGE synthase protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	PGE Synthase
Abstract:	PGE Synthase Products

Target Details

Background: Rabbit Anti-PGE synthase Polyclonal Antibody,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,Prostaglandin E synthase encoded by PTGES is a glutathione-dependent prostaglandin E synthase. The expression of PTGES 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 PTGES may contribute to the pathogenesis of collagen-induced arthritis and mediate acute pain during inflammatory responses.,Prostaglandin E synthase

Molecular Weight: observed band 17kDa

Gene ID: 9536

UniProt: [O14684](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000). Not yet tested in other applications.

Comment: Primary Antibody

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



Western Blotting

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