

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

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:	lgG
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

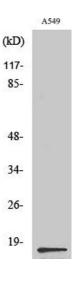
Target:	PGE Synthase
Abstract:	PGE Synthase Products

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## 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:	observerd band 17kDa
Gene ID:	9536
UniProt:	014684
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.

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### Western Blotting

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

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