

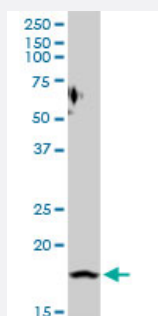
MaxPab®

PTGES MaxPab rabbit polyclonal antibody (D01)

Catalog # H00009536-D01

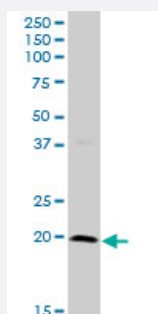
Size 100 uL

Applications



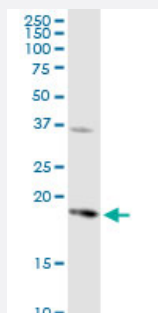
Western Blot (Tissue lysate)

PTGES MaxPab rabbit polyclonal antibody. Western Blot analysis of PTGES expression in mouse spleen.



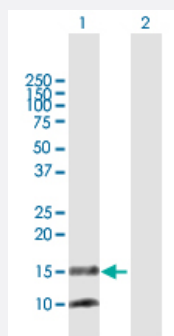
Western Blot (Tissue lysate)

PTGES MaxPab rabbit polyclonal antibody. Western Blot analysis of PTGES expression in human liver.



Western Blot (Cell lysate)

PTGES MaxPab rabbit polyclonal antibody. Western Blot analysis of PTGES expression in HeLa.

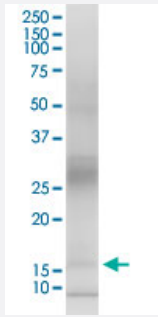


Western Blot (Transfected lysate)

Western Blot analysis of PTGES expression in transfected 293T cell line ([H00009536-T02](#)) by PTGES MaxPab polyclonal antibody.

Lane 1: PTGES transfected lysate(17.1 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PTGES transfected lysate using anti-PTGES MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PTGES purified MaxPab mouse polyclonal antibody (B01P) ([H00009536-B01P](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PTGES protein.
Immunogen	PTGES (NP_004869.1, 1 a.a. ~ 152 a.a) full-length human protein.
Sequence	MPAHSVMSSPALPAFLLCSTLLVIKMYVVAITGQVRLRKKAFANPEDALRHGGPQYCRSDPDVE RCLRAHRNDMETYPFLFLGFVYSFLGPNPFVAWMHFLVFLVGRVAHTVAYLGKLRAPIRSVTYTL AQLPCASMALQILWEAARHL
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (79); Rat (79)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PTGES MaxPab rabbit polyclonal antibody. Western Blot analysis of PTGES expression in mouse spleen.

[Protocol Download](#)

- Western Blot (Tissue lysate)

PTGES MaxPab rabbit polyclonal antibody. Western Blot analysis of PTGES expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

PTGES MaxPab rabbit polyclonal antibody. Western Blot analysis of PTGES expression in HeLa.

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- Western Blot (Transfected lysate)

Western Blot analysis of PTGES expression in transfected 293T cell line ([H00009536-T02](#)) by PTGES MaxPab polyclonal antibody.

Lane 1: PTGES transfected lysate(17.1 KDa).

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — PTGES

Entrez GeneID [9536](#)

GeneBank Accession# [NM_004878.3](#)

Protein Accession# [NP_004869.1](#)

Gene Name PTGES

Gene Alias MGC10317, MGST-IV, MGST1-L1, MGST1L1, MPGES, PGES, PIG12, PP102, PP1294, TP53I 12, mPGES-1

Gene Description prostaglandin E synthase

Omim ID [605172](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations

MGST1-like 1|OTTHUMP00000022345|glutathione S-transferase 1-like 1|microsomal glutathione S-transferase 1-like 1|microsomal prostaglandin E synthase-1|p53-induced apoptosis protein 12|p53-induced gene 12|tumor protein p53 inducible protein 12

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- [Adenoma](#)
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- [Atherosclerosis](#)
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