

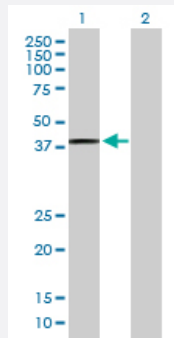
MaxPab®

PTGES2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00080142-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PTGES2 expression in transfected 293T cell line ([H00080142-T01](#)) by PTGES2 MaxPab polyclonal antibody.

Lane1:PTGES2 transfected lysate(41.47 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PTGES2 protein.
Immunogen	PTGES2 (NP_079348.1, 1 a.a. ~ 377 a.a) full-length human protein.
Sequence	MDPAARVVRALWPGGCALAWRLGGRPQPLLPTQSRAGFAGAAGGPPVAAARKGSPRLLGAA ALALGGALGLYHTARWHLRAQDLHAERSAAQLSLSSRLQLTYQYKTCPFCSKVRAFLDFHALPY QVVEVNPVRRAEIKFSSYRKVPILVAQEGESSQQLNDSSVIISALKTYLVSGQPLEEITYYPAMKAV NEQGKEVTEFGNKYWLMLNEKEAQQVYGGKEARTEEMKWRQWADDWLVLHISPNNVYRTPTEAL ASFDYIVREGKFGAVEGAVAKYMGAAAMYISKRLKSRHRLQDNVREDLYEADKWVAAVGKDR PFMGGQKPNLADLAVYGVLRVMEGLDAFDDLMQHTHIQWPWYLRVERAITEASPAH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (83)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — PTGES2

Entrez GeneID [80142](#)

GeneBank Accession# [NM_025072.4](#)

Protein Accession# [NP_079348.1](#)

Gene Name PTGES2

Gene Alias C9orf15, FLJ14038, GBF1, MGC11289, PGES2, mPGES-2

Gene Description prostaglandin E synthase 2

Omim ID [608152](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a membrane-associated prostaglandin E synthase, which catalyzes the conversion of prostaglandin H2 to prostaglandin E2. This protein also has been shown to activate the transcription regulated by a gamma-interferon-activated transcription element (GATE). Multiple transcript variants have been found for this gene. [provided by RefSeq]

Other Designations GATE-binding factor 1|OTTHUMP00000022231|gamma-interferon-activated transcriptional element-binding factor 1|membrane-associated prostaglandin E synthase 2|microsomal prostaglandin E synthase-2

Pathway

- [Arachidonic acid metabolism](#)

- [Metabolic pathways](#)

Disease

- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)