

DNAxPAb

Hard-to-Find
Antibody

PTGES2 DNAxPab

Catalog # H00080142-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PTGES2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDPAARVVRLWPGGCALAWRLGGRPQPLLPTQSRAGFAGAAGGPSPVAAARKGSPRLLGAA ALALGGALGLYHTARWHLRAQDLHAERSAAQLSLSSRLQLTLYQYKTCPFCSKVRAFLDFHALPY QVVEVNPVRRAEIKFSSYRKVPILVAQEGESSQQLNDSSVIISALKTYLVSGQPLEEITYYPAMKAV NEQGKEVTEFGNKYWLMLNEKEAQQVYGGKEARTEEMKWRQWADDWLVLHISPENVYRTPTEAL ASFDYIVREGKFGAVEGAVAKYMGAAAMYLIKRLKSRHRLQDNVREDLYEADKWVAAVGKDR PFMGGQKPNLADLAVYGVLRVMEGLDAFDDLMQHITHIQPWYLRVERAITEASPAH
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)