

DNAxPAb

Hard-to-Find
Antibody

PTGER3 DNAxPab

Catalog # H00005733-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human PTGER3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
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 — PTGER3

Entrez GeneID	5733
GeneBank Accession#	NM_198715.2
Protein Accession#	NP_942008.1
Gene Name	PTGER3
Gene Alias	EP3, EP3-I, EP3-II, EP3-III, EP3-IV, EP3e, MGC141828, MGC141829, MGC27302
Gene Description	prostaglandin E receptor 3 (subtype EP3)
Omim ID	176806
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the G-protein coupled receptor family. This protein is one of four receptors identified for prostaglandin E2 (PGE2). This receptor may have many biological functions, which involve digestion, nervous system, kidney reabsorption, and uterine contraction activities. Studies of the mouse counterpart suggest that this receptor may also mediate adrenocorticotrophic hormone response as well as fever generation in response to exogenous and endogenous stimuli. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000011033 OTTHUMP00000011034 OTTHUMP00000011035 PGE receptor, EP3 subtype prostaglandin E receptor EP3 subtype 3 isoform prostaglandin E receptor 3, subtype EP3 prostaglandin E2 receptor prostaglandin receptor (PGE-2) prostanoid EP3 receptor

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Connective Tissue Diseases](#)
- [Diabetes Complications](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Musculoskeletal Diseases](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Skin Diseases](#)
- [Tobacco Use Disorder](#)