

DNAxPAb

Hard-to-Find
Antibody

PTGDR DNAxPab

Catalog # H00005729-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human PTGDR 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 — PTGDR

Entrez GeneID	5729
GeneBank Accession#	NM_000953.2
Protein Accession#	NP_000944.1
Gene Name	PTGDR
Gene Alias	AS1, ASRT1, DP, DP1, MGC49004
Gene Description	prostaglandin D2 receptor (DP)
Omim ID	604687 607277
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a G-protein-coupled receptor. It has been shown to function as a prostanoid DP receptor. The activity of this receptor is mainly mediated by G-S proteins that stimulate adenylate cyclase resulting in an elevation of intracellular cAMP and Ca²⁺. Knockout studies in mice suggest that the ligand of this receptor, prostaglandin D2 (PGD2), functions as a mast cell-derived mediator to trigger asthmatic responses. [provided by RefSeq]
Other Designations	PGD receptor prostaglandin D2 receptor prostanoid DP receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)

- [Hypersensitivity](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Premature Birth](#)
- [Respiratory Sounds](#)
- [Rhinitis](#)
- [Tobacco Use Disorder](#)