

DNAXPAb

Hard-to-Find
Antibody

PGDS DNAXPab

Catalog # H00027306-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PGDS DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MPNYKLTYNMRGRAEIIRYIFAYLDIQYEDHRIEQADWPEIKSTLPFGKIPILEVDGLTLHQSLAIARYLTKNTDLAGNTEMEQCHVDAIVDTLDDFMSCFPWAEKKQDVKEQMFNELLTYNAPHLMQDLDTYLGREWLIGNSVTWADFYWEICSTLLVFKPDLLDNHPRLVTLRKKVQAIPAVANWIKRRPQTKL
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 — PGDS

Entrez GeneID [27306](#)

GeneBank Accession# [NM_014485.2](#)

Protein Accession# [NP_055300.1](#)

Gene Name PGDS

Gene Alias -

Gene Description prostaglandin D2 synthase, hematopoietic

Omim ID [602598](#)

Gene Ontology [Hyperlink](#)

Gene Summary Prostaglandin-D synthase is a sigma class glutathione-S-transferase family member. The enzyme catalyzes the conversion of PGH2 to PGD2 and plays a role in the production of prostanoids in the immune system and mast cells. The presence of this enzyme can be used to identify the differentiation stage of human megakaryocytes. [provided by RefSeq]

Other Designations hematopoietic prostaglandin D2 synthase|prostaglandin-D synthase

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)