

DNAXPab

Hard-to-Find  
Antibody

# HPGD DNAXPab

Catalog # H00003248-W01P      Size 200 ug

## Specification

|                                |                                                                                                                                                                                                                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Rabbit polyclonal antibody raised against a full-length human HPGD DNA using DNAX™ Immune technology.                                                                                                                                                                                |
| <b>Technology</b>              | <a href="#">DNAX™ Immune</a>                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>               | Full-length human DNA                                                                                                                                                                                                                                                                |
| <b>Sequence</b>                | MHVNGKVALVTGAAQGIGRAFAEALLKGAKVALVDWNLEAGVQCKAALDEQFEPQKTLFIQCD<br>VADQQQLRDTFRKVVDHFGRLDILVNNAGVNNNEKNWEKTLQINLVSVISGYLGLDYMSKQNGGE<br>GGIINMSSLAGLMPVAQQPVYCASKHGIVGFTRSAALAANLMNSGVRLNAICPGFVNTAILESIEKE<br>ENMGQYIEYKDHKDMIKYYGILDPPLIANGILITLIEDDALNGAIMKITTSKGIHFQDYDTTPFQAKTQ |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                                                                |
| <b>Purification</b>            | Protein A                                                                                                                                                                                                                                                                            |
| <b>Quality Control Testing</b> | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                              |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                    |
| <b>Storage Instruction</b>     | 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 — HPGD

Entrez GeneID [3248](#)

GeneBank Accession# [NM\\_000860.3](#)

Protein Accession# [NP\\_000851.2](#)

Gene Name HPGD

Gene Alias 15-PGDH, PGDH, PGDH1, SDR36C1

Gene Description hydroxyprostaglandin dehydrogenase 15-(NAD)

Omim ID [601688](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. The encoded enzyme is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation. Mutations in this gene result in primary autosomal recessive hypertrophic osteoarthropathy and cranioosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** 15-hydroxy prostaglandin dehydrogenase|15-hydroxyprostaglandin dehydrogenase|NAD+-dependent 15-hydroxyprostaglandin dehydrogenase|short chain dehydrogenase/reductase family 36C, member 1

## Disease

- [Adenoma](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Colorectal Neoplasms](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)

- [Ductus Arteriosus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)