

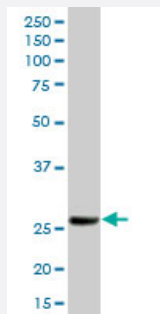
MaxPab®

## HPGD purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00003248-B02P

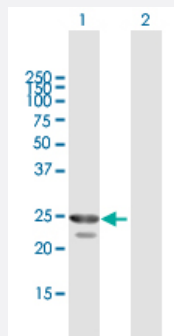
Size 50 ug

### Applications



#### Western Blot (Tissue lysate)

HPGD MaxPab polyclonal antibody. Western Blot analysis of HPGD expression in human liver.



#### Western Blot (Transfected lysate)

Western Blot analysis of HPGD expression in transfected 293T cell line ([H00003248-T02](#)) by HPGD MaxPab polyclonal antibody.

Lane 1: HPGD transfected lysate(29.26 KDa).

Lane 2: Non-transfected lysate.

### Specification

|                     |                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Mouse polyclonal antibody raised against a full-length human HPGD protein.                                                                                                                                                                                                          |
| Immunogen           | HPGD (NP_000851.2, 1 a.a. ~ 266 a.a) full-length human protein.                                                                                                                                                                                                                     |
| Sequence            | MHVNGKVALVTGAAQGGIGRAFAEALLKGAVALVDWNLEAGVQCKAALDEQFEPQKTLFIQCD<br>VADQQQLRDTFRKVVDHFGRLDILVNNAGVNNEKNWEKTLQINLVSVISGTYLGLDYMSKQNGGE<br>GGIIINMSSLAGLMPVAQQPVYCASKHGIVGFTRSAALAANLMNSGVRLNAICPGFVNTAILESIEKE<br>ENMGQYIEYKDHIKDMIKYYGILDPLIANGLITLIEDDALNGAIMKITTSKGIHFQDYDTPFQAKTQ |
| Host                | Mouse                                                                                                                                                                                                                                                                               |
| Reactivity          | Human                                                                                                                                                                                                                                                                               |

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| 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 (Tissue lysate)

HPGD MaxPab polyclonal antibody. Western Blot analysis of HPGD expression in human liver.

[Protocol Download](#)

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Western Blot analysis of HPGD expression in transfected 293T cell line ([H00003248-T02](#)) by HPGD MaxPab polyclonal antibody.

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[Protocol Download](#)

## Gene Info — HPGD

|                     |                                             |
|---------------------|---------------------------------------------|
| Entrez GeneID       | <a href="#">3248</a>                        |
| GeneBank Accession# | <a href="#">NM_000860.3</a>                 |
| Protein Accession#  | <a href="#">NP_000851.2</a>                 |
| Gene Name           | HPGD                                        |
| Gene Alias          | 15-PGDH, PGDH, PGDH1, SDR36C1               |
| Gene Description    | hydroxyprostaglandin dehydrogenase 15-(NAD) |
| Omim ID             | <a href="#">601688</a>                      |
| Gene Ontology       | <a href="#">Hyperlink</a>                   |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 craniosteoarthropathy. 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<sup>+</sup>-dependent 15-hydroxyprostaglandin dehydrogenase|short chain dehydrogenase/reductase family 36C, member 1

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