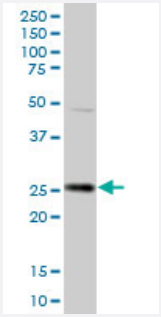
MaxPab®

HPGD purified MaxPab mouse polyclonal antibody (B01P)

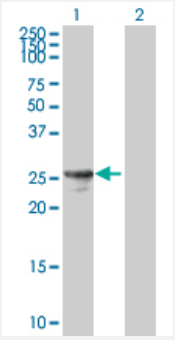
Catalog # H00003248-B01P Size 50 ug

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-T01) by HPGD MaxPab polyclonal antibody.

Lane 1: HPGD transfected lysate(29.37 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HPGD protein.
Immunogen	HPGD (AAH18986.1, 1 a.a. ~ 266 a.a) full-length human protein.
Sequence	MHVNGKVALVTGAAQGIGRAFAEALLLKGAKVALVDWNLEAGVQCKAALDEQFEPQKTLFIQCD VADQQQLRDTFRKVVDHFGRLDILVNNAGVNNEKNWEKTLQINLVSVISGTYLGLDYMSKQNGGE GGIIINMSSLAGLMPVAQQPVYCASKHGIVGFTRSAALAANLMNSGVRLNAICPGFVNTAILESIEKE ENMGQYIEYKDHIKDMIKYYGILDPPLIANGLITLIEDDALNGAIMKITTSKGIHFQDYDTTPFQAKTQ
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-T01) by HPGD MaxPab polyclonal antibody.

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  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — HPGD

Entrez GeneID	3248
GeneBank Accession#	BC018986
Protein Accession#	AAH18986
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 protei n 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 res ult in primary autosomal recessive hypertrophic osteoarthropathy and cranioosteoarthropathy. Mul tiple transcript variants encoding different isoforms have been found for this gene. [provided by R efSeq

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