

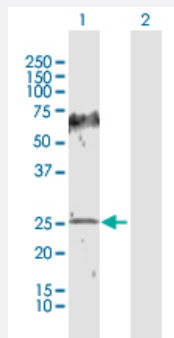
MaxPab®

HPGD purified MaxPab rabbit polyclonal antibody (D02P)

Catalog # H00003248-D02P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HPGD expression in transfected 293T cell line ([H00003248-T03](#)) by HPGD MaxPab polyclonal antibody.

Lane 1: HPGD transfected lysate(29.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit 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	MHVNGKVALVTGAAQGIGRAFAEALLLKAKVALVDWNLEAGVQCKAALDEQFEPQKTLFIQCD VADQQQLRDTFRKVVDFHGRDLVNNAGVNNNEKNWEKTLQINLVSVISGTYLGLDYMSKQNGGE GGIINMSSLAGLMPVAQQPVYCASKHGIVGFTRSAALAANLMNSGVRNLAICPGFVNTAILESIEKE ENMGQYIEYKDHKDMIKYYGILDPPLIANGILITLIEDDALNGAIMKITTSKGIHFQDYDTTPFQAKTQ
Host	Rabbit
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.

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[Protocol Download](#)

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 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+-dependent 15-hydroxyprostaglandin dehydrogenase short chain dehydrogenase/reductase family 36C, member 1

Disease

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