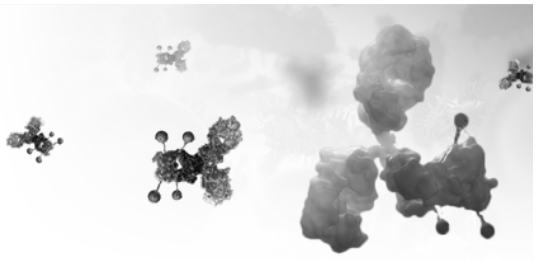

Human HPGD blocking peptide (CDBP2404)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Prostaglandin dehydrogenase 1 antibody
Antigen Description	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, Mar 2009]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	HPGD hydroxyprostaglandin dehydrogenase 15-(NAD) [Homo sapiens (human)]
Official Symbol	HPGD
Synonyms	HPGD; hydroxyprostaglandin dehydrogenase 15-(NAD); PGDH; PGDH1; PHOAR1; 15-PGDH; SDR36C1; 15-hydroxyprostaglandin dehydrogenase [NAD(+)]; prostaglandin dehydrogenase 1;

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	NAD+-dependent 15-hydroxyprostaglandin dehydrogenase; short chain dehydrogenase/reductase family 36C, member 1;
Entrez Gene ID	3248
mRNA Refseq	NM_000860.5
Protein Refseq	NP_000851.2
UniProt ID	P15428
Chromosome Location	4q34-q35
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Prostaglandin Synthesis and Regulation, organism-specific biosystem; Synthesis of Lipoxins (LX), organism-specific biosystem; Synthesis of Prostaglandins (PG) and Thromboxanes (TX), organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved b
Function	15-hydroxyprostaglandin dehydrogenase (NAD+) activity; 15-hydroxyprostaglandin dehydrogenase (NAD+) activity; 15-hydroxyprostaglandin dehydrogenase (NAD+) activity; NAD binding; NAD+ binding; catalytic activity; prostaglandin E receptor activity; protein

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