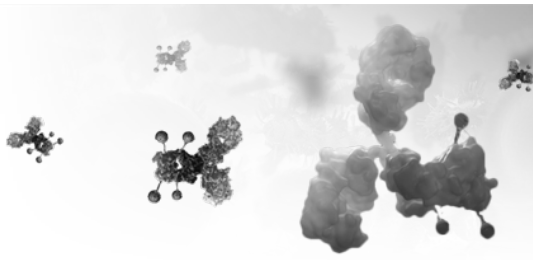

Human BDH2 blocking peptide (CDBP0584)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-BDH2/DHRS6 (aa 60 to 71) antibody
Antigen Description	BDH2 (3-hydroxybutyrate dehydrogenase, type 2) is a protein-coding gene. Diseases associated with BDH2 include alcohol dependence, and alcoholism, and among its related super-pathways are Synthesis and degradation of ketone bodies and Metabolism. GO annotations related to this gene include NAD binding and 3-hydroxybutyrate dehydrogenase activity. An important paralog of this gene is HPGD.
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	BDH2 3-hydroxybutyrate dehydrogenase, type 2 [Homo sapiens]
Official Symbol	BDH2
Synonyms	BDH2; 3-hydroxybutyrate dehydrogenase, type 2; dehydrogenase/reductase (SDR family) member 6 , DHRS6; 3-hydroxybutyrate dehydrogenase type 2; FLJ13261; PRO20933; SDR15C1; short chain dehydrogenase/reductase family 15C; member 1; UCPA OR; UNQ6308;

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	oxidoreductase UCPA; R-beta-hydroxybutyrate dehydrogenase; dehydrogenase/reductase SDR family member 6; dehydrogenase/reductase (SDR family) member 6; short chain dehydrogenase/reductase family 15C, member 1; DHRS6; EFA6R; UCPA-OR;
Entrez Gene ID	56898
mRNA Refseq	NM_020139
Protein Refseq	NP_064524
UniProt ID	Q9BUT1
Chromosome Location	4q24
Pathway	Butanoate metabolism, organism-specific biosystem; Butanoate metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Synthesis and degradation of ketone bodies, organism-specific biosystem; Synthesis and degradation of ketone bodies, conserved biosystem; ketolysis, organism-specific biosystem; ketolysis, conserved biosystem;
Function	3-hydroxybutyrate dehydrogenase activity; NAD binding; oxidoreductase activity; oxidoreductase activity, acting on the CH-CH group of donors, NAD or NADP as acceptor;

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