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Diagnostik & molekulare Diagnostik



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BDH1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000622-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human BDH1 protein.

Immunogen: BDH1 (NP_004042.1, 1 a.a. ~ 343 a.a) full-length human protein.

Sequence:
 MLATRLSRPLSRLPGKTL S ACDRENGARRPLLLGSTSFIPIGRRRTYASAA
 EPVGSKAVLVTGCDSGFGFSLAKHLHSGFLV F AGCLMKDKGHDGVKE
 LDSLNSDRLRTVQLNVCSS EEEV EKW EIVRSSLKDPEKGMWGLVNNAGIS
 TFGEVEFTSLETYKQVAEVLWGTVRMTKSFLPLIRRAKGRVWNIS SML
 GRMANPARSPYCITKFGVEAFSDCLRYEMYPLGVKVS VVEPGNFIAATSL
 YSPESIQAI AKMWEELPEVVRKDYGKKYFDEKIAKMETYCSSGSTD TSP
 VIDAVTHALTATPYTRYHPMDYYW LRMQIMTHLPGAISDMIYIR

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

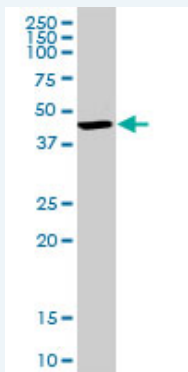
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Western Blot (Cell lysate)



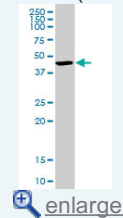
BDH1 MaxPab rabbit polyclonal antibody. Western Blot analysis of BDH1 expression in HeLa.

 [Protocol Download](#)

Western Blot (Transfected lysate)

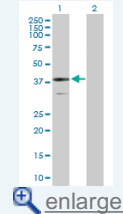
Application Image

Western Blot (Cell lysate)

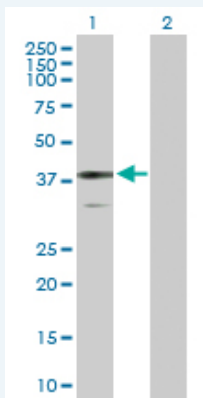


 [enlarge](#)

Western Blot (Transfected lysate)




 [enlarge](#)



Western Blot analysis of BDH1 expression in transfected 293T cell line ([H00000622-T01](#)) by BDH1 MaxPab polyclonal antibody.

Lane 1: BDH1 transfected lysate(38.20 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [622](#)

GeneBank [NM_004051.4](#)

Accession#:

Protein [NP_004042.1](#)

Accession#:

Gene Name: BDH1

Gene Alias: BDH,MGC2723,MGC4347,MGC9788,SDR9C1

Gene 3-hydroxybutyrate dehydrogenase, type 1

Description:

Omim ID: [603063](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the short-chain dehydrogenase/reductase gene family. The encoded protein forms a homotetrameric lipid-requiring enzyme of the mitochondrial membrane and has a specific requirement for phosphatidylcholine for optimal enzymatic activity. The encoded protein catalyzes the interconversion of acetoacetate and (R)-3-hydroxybutyrate, the two major ketone bodies produced during fatty acid catabolism. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]

Other Designations: (R)-3-hydroxybutyrate dehydrogenase,3-hydroxybutyrate dehydrogenase,3-hydroxybutyrate dehydrogenase (heart, mitochondrial),D-beta-hydroxybutyrate dehydrogenase, mitochondrial,short chain dehydrogenase/reductase family 9C, member 1

Gene Pathway

[Butanoate metabolism](#) [Metabolic pathways](#) [Synthesis and degradation of ketone bodies](#)