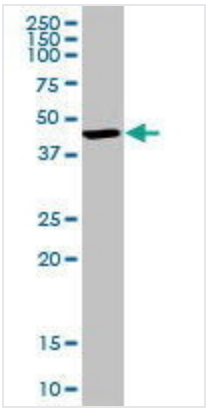
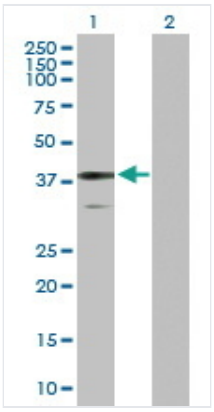
bdh1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BDH1, Polyclonal Antibody
Full Product Name	BDH1 (D-beta-hydroxybutyrate Dehydrogenase, Mitochondrial, BDH, 3-hydroxybutyrate Dehydrogenase)
Product Gene Name	anti-bdh1 antibody
Product Synonym Names	Anti -BDH1 (D-beta-hydroxybutyrate Dehydrogenase, Mitochondrial, BDH, 3-hydroxybutyrate Dehydrogenase)
Immunogen Sequence	MLATRLSRPL SRLPGKTLSA CDRENGARRP LLLGSTSFIP IGRRTYASAA EPVGSKAVLV TGCDSGFGFS LAKHLHSKGF LVFAGCLMKD KGHDGVKELD SLNSDRLRTV QLNVCSSEEV EKVVEIVRSS LKDPEKGMWG LVNNAGISTF GEVEFTSLET YKQVAEVNLW GTVRMTKSFL PLIRRAKGRV VNISSMLGRM ANPARSPYCI TKFGVEAFSD CLRYEMYPLG VKVSVVEPGN FIAATSLYSP ESIQAIAKKM WEELPEVVRK DYGKKYFDEK IAKMETYCSS GSTDTSPVID AVTHALTATT PYTRYHPMDY YWWLRMQIMT HLPGAISDMI YIR
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Recognizes human BDH1.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Chromosome Location	NC_009706.1 (728400..729545)
Immunogen	Full length human BDH1, aa1-343 (NP_004042.1).
Product Categories/Family for anti-bdh1 antibody	Antibodies; Abs to Enzymes; Dehydrogenase
Applications Tested/Suitable for anti-bdh1 antibody	Western Blot (WB)
Application Notes for anti-bdh1 antibody	Suitable for use in Western Blot.
Related Product Information for anti-bdh1 antibody	BDH1 (3-hydroxybutyrate dehydrogenase, type 1), it is a member of the short-chain dehydrogenase/reductase gene family. This protein forms a homotetrameric lipid-requiring enzyme of the mitochondrial membrane and has a specific requirement for phosphatidylcholine for optimal enzymatic activity. It catalyzes the interconversion of acetoacetate and (R)-3-hydroxybutyrate, the two major ketone bodies produced during fatty acid catabolism.
Other Notes	Small volumes of anti-bdh1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for bdh1 purchase	MBS6002549 is an antibody targeting bdh1. Also known as BDH1 (D-beta-hydroxybutyrate Dehydrogenase, Mitochondrial, BDH, 3-hydroxybutyrate Dehydrogenase). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-bdh1 antibody
BDH1 rabbit polyclonal antibody. Western Blot analysis of BDH1 expression in HeLa.



Western Blot (WB) of anti-bdh1 antibody
Western Blot analysis of BDH1 expression in transfected 293T cell line by BDH1 polyclonal antibody. Lane 1: BDH1 transfected lysate (38.2kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for bdh1. It may not necessarily be applicable to this product.

NCBI GI #	146346253
NCBI GeneID	5391552
NCBI Accession #	EDK32789.1
NCBI Official Full Name	Bdh1
NCBI Official Symbol	bdh1
Protein Family	(R,R)-butanediol dehydrogenase
NCBI Protein Information	NADPH-dependent butanol dehydrogenase; protein Bdh1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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