

Mouse anti-Human, Mouse BDH1 Antibody | anti-BDH1 antibody

BDH1 Antibody

CATALOG # AAA108854	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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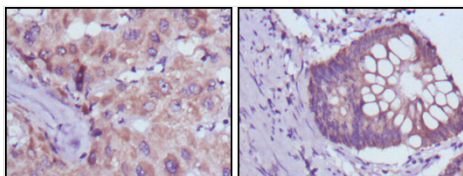
PRODUCT SYNONYMS

BDH1; BDH1 Antibody; BHD; anti-BDH1 antibody

PRODUCT SPECIFICATIONS

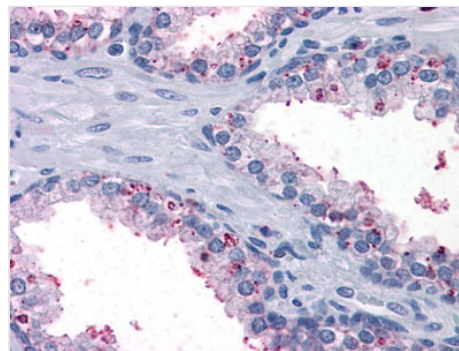
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1
Clone Number	1A5
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	343
Applicable Applications for anti-BDH1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human BDH1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



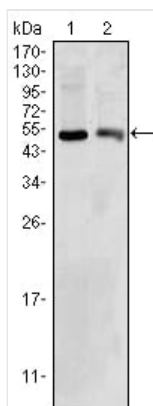
IHC (Immunohistochemistry)

Figure 3: Immunohistochemical analysis of paraffin-embedded human liver cancer (left) and colorectal cancer tissues (right) using BDH1 mouse mAb with DAB staining.



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded human Prostate tissues using anti-BDH1 mouse mAb.



WB (Western Blot)

Figure 1: Western blot analysis using BDH1 mouse mAb against HepG2 (1) and NIH/3T3 (2) cell lysate.

ADDITIONAL INFORMATION

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.
Product Categories/Family for anti-BDH1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	17738292
NCBI GeneID	622
NCBI Accession #	NP_004042.1
NCBI GenBank Nucleotide #	NM_004051.4
UniProt Accession #	Q02338; Q96ET1; Q9BRZ4; D3DXC0
Molecular Weight	38kDa
NCBI Official Full Name	D-beta-hydroxybutyrate dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	3-hydroxybutyrate dehydrogenase 1
NCBI Official Symbol	BDH1
NCBI Official Synonym Symbols	BDH; SDR9C1
NCBI Protein Information	D-beta-hydroxybutyrate dehydrogenase, mitochondrial
UniProt Protein Name	D-beta-hydroxybutyrate dehydrogenase, mitochondrial
UniProt Gene Name	BDH1
UniProt Synonym Gene Names	BDH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-mouse-antibody/bdh1/108854>