

## Anti-BDH1 antibody

<b>Cat. No.</b>	ml221981
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-BDH1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Fusion protein of human BDH1
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.4 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	BDH1
<b>Full name</b>	3-hydroxybutyrate dehydrogenase, type 1
<b>Synonyms</b>	BDH; SDR9C1
<b>Swissprot</b>	Q02338

### Target Background

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.

订购热线: 4008-898-798

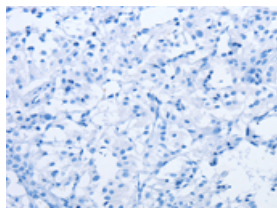
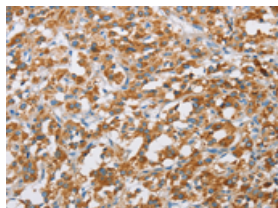
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200

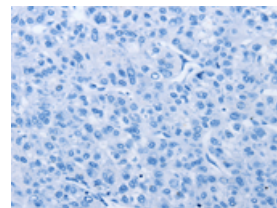
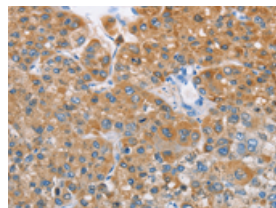


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221981(BDH1 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml221981(BDH1 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### ELISA

Recommended dilution: 1000-5000

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