

Datasheet for ABIN238652

anti-BDH2 antibody (Internal Region)

3 Images

1 Publication

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Overview

Quantity:	100 µg
Target:	BDH2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This BDH2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	BDH2 / DHRS6 (aa 60 to 71)
Immunogen:	C-TKKKQIDQFANE
Sequence:	TKKKQIDQFA NE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	BDH2
Alternative Name:	BDH2 (BDH2 Products)
Background:	BDH2, DHRS6, 3-hydroxybutyrate dehydrogenase, type 2, EFA6R, FLJ13261, PRO20933, UCPA-OR, UNQ6308, dehydrogenase/reductase (SDR family) member 6, oxidoreductase UCPA
Gene ID:	56898
NCBI Accession:	NP_064524
Pathways:	Transition Metal Ion Homeostasis , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5 µg/mL.</p> <p>Western Blot: Approx 26 kDa band observed in Human Brain (Cerebellum), Kidney and Liver lysates (calculated MW of 26.7 kDa according to NP_064524.3). In transfected HEK293 transiently expressing BDH2 a band of approx. 29 kDa is observed. This band is not o</p> <p>Peptide ELISA: antibody detection limit dilution 1:64000.</p>
Restrictions:	For Research Use only

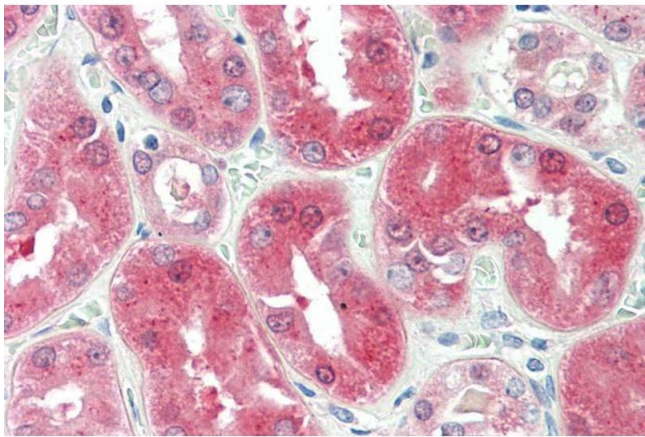
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

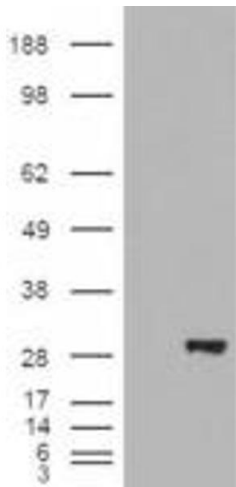
Product cited in: Buhrke, Lengler, Lampen: "Analysis of proteomic changes induced upon cellular differentiation of the human intestinal cell line Caco-2." in: **Development, growth & differentiation**, Vol. 53, Issue 3, pp. 411-26, (2011) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. ABIN238652 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. HEK293 overexpressing BDH2 (RC210586) and probed with ABIN238652 (mock transfection in first lane), tested by Origene.



Western Blotting

Image 3. ABIN238652 (0.3µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.