

ARG64421 anti-BDH2 / DHRS6 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes BDH2 / DHRS6
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	BDH2 / DHRS6
Species	Human
Immunogen	C-TKKKQIDQFANE
Conjugation	Un-conjugated
Alternate Names	UCPA-OR; DHRS6; PRO20933; Oxidoreductase UCPA; EC 1.1.1.-; Short chain dehydrogenase/reductase family 15C member 1; R-beta-hydroxybutyrate dehydrogenase; UNQ6308; EC 1.1.1.30; 3-hydroxybutyrate dehydrogenase type 2; SDR15C1; Dehydrogenase/reductase SDR family member 6; EFA6R

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 56898 Human](#)

[Swiss-port # Q9BUT1 Human](#)

Gene Symbol

BDH2

Gene Full Name

3-hydroxybutyrate dehydrogenase, type 2

Function

Dehydrogenase that mediates the formation of 2,5-dihydroxybenzoic acid (2,5-DHBA), a siderophore that shares structural similarities with bacterial enterobactin and associates with LCN2, thereby playing a key role in iron homeostasis and transport. Also acts as a 3-hydroxybutyrate dehydrogenase (By similarity). [UniProt]

Research Area

Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody

Calculated Mw

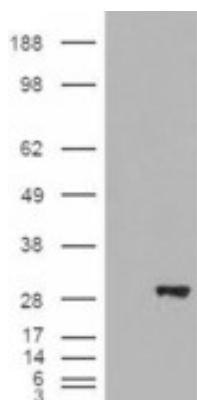
27 kDa

Images



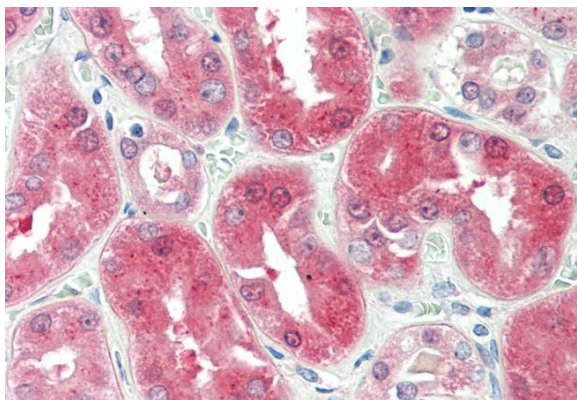
ARG64421 anti-BDH2 / DHRS6 antibody WB image

Western Blot: Human Kidney lysate (35 µg protein in RIPA buffer) stained with ARG64421 anti-BDH2 / DHRS6 (aa 60 to 71) antibody at 0.3 µg/ml dilution.



ARG64421 anti-BDH2 / DHRS6 antibody WB image

Western Blot: 1). Mock transfection; 2) BDH2 (RC210586) expressing plasmid transfected HEK293 cell lysate stained with ARG64421 anti-BDH2 / DHRS6 (aa 60 to 71) antibody



ARG64421 anti-BDH2 / DHRS6 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64421 anti-BDH2 / DHRS6 antibody at 5 µg/ml dilution followed by AP-staining.