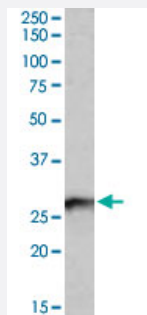


BDH2 polyclonal antibody

Catalog # PAB7523

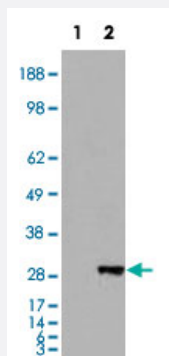
Size 100 ug

Applications



Western Blot (Tissue lysate)

BDH2 polyclonal antibody (Cat # PAB7523) (0.3 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot (Transfected lysate)

HEK293 overexpressing BDH2 and probed with BDH2 polyclonal antibody (Cat # PAB7523) (mock transfection in first lane), tested by Origene.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of BDH2.
Immunogen	A synthetic peptide corresponding to internal region of of human BDH2.
Sequence	C-TKKKQIDQFANE
Host	Goat
Theoretical MW (kDa)	26.7
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

BDH2 polyclonal antibody (Cat # PAB7523) (0.3 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Western Blot (Transfected lysate)

HEK293 overexpressing BDH2 and probed with BDH2 polyclonal antibody (Cat # PAB7523) (mock transfection in first lane), tested by Origene.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BDH2

Entrez GeneID	56898
Protein Accession#	NP_064524.3
Gene Name	BDH2
Gene Alias	DHRS6, EFA6R, FLJ13261, PRO20933, SDR15C1, UCPA-OR, UNQ6308
Gene Description	3-hydroxybutyrate dehydrogenase, type 2
Gene Ontology	Hyperlink
Gene Summary	O

Other Designations

dehydrogenase/reductase (SDR family) member 6|oxidoreductase UCPA|short chain dehydrogenase/reductase family 15C, member 1

Publication Reference

- [Characterization of human DHRS6, an orphan short chain dehydrogenase/reductase enzyme: a novel, cytosolic type 2 R-beta-hydroxybutyrate dehydrogenase.](#)

Guo K, Lukacik P, Papagrigoriou E, Meier M, Lee WH, Adamski J, Oppermann U.

The Journal of Biological Chemistry 2006 Apr; 281(15):10291.

Pathway

- [Butanoate metabolism](#)
- [Metabolic pathways](#)
- [Synthesis and degradation of ketone bodies](#)

Disease

- [Alcoholism](#)
- [Genetic Predisposition to Disease](#)