

[KO Validated] HIBADH Rabbit pAb

Catalog No.: A19871 **KO Validated**

Basic Information

Observed MW

32kDa

Calculated MW

35kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a mitochondrial 3-hydroxyisobutyrate dehydrogenase enzyme. The encoded protein plays a critical role in the catabolism of L-valine by catalyzing the oxidation of 3-hydroxyisobutyrate to methylmalonate semialdehyde.

Recommended Dilutions

WB 1:1000 - 1:3000

Immunogen Information

Gene ID

11112

Swiss Prot

P31937

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 37-336 of human HIBADH (NP_689953.1).

Synonyms

NS5ATP1; DH

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

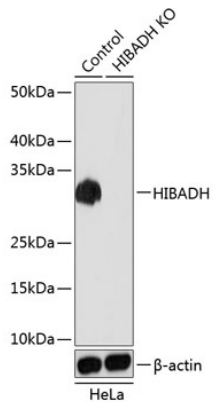
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and HIBADH knockout (KO) HeLa cells, using [KO Validated] HIBADH Rabbit pAb (A19871) at 1:3000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.