

PDHA2 Rabbit pAb

Catalog No.: A14994

Basic Information

Observed MW

43kDa

Calculated MW

43kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Predicted to enable pyruvate dehydrogenase (acetyl-transferring) activity. Predicted to contribute to pyruvate dehydrogenase (NAD+) activity. Predicted to be involved in acetyl-CoA biosynthetic process from pyruvate. Predicted to act upstream of or within mitochondrial acetyl-CoA biosynthetic process from pyruvate. Located in mitochondrion. Is expressed in nervous system and testis. Orthologous to human PDHA2 (pyruvate dehydrogenase E1 subunit alpha 2).

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:100

Immunogen Information

Gene ID

18598

Swiss Prot

P35487

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 230-391 of mouse PDHA2 (NP_032837.1).

Synonyms

Pdhal; PDHA2

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

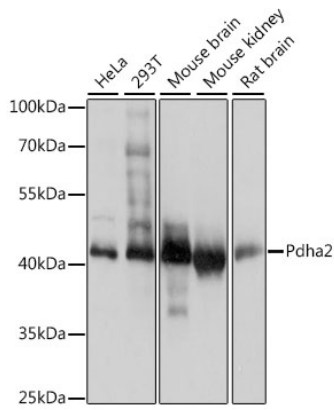
Affinity purification

Storage

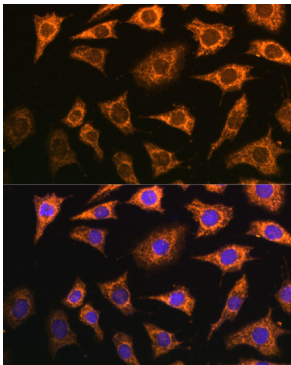
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using PDHA2 Rabbit pAb (A14994) at 1:1000 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.



Immunofluorescence analysis of L929 cells using PDHA2 Rabbit pAb (A14994) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.