Leader in Biomolecular Solutions for Life Science

PDHA2 Rabbit pAb

Catalog No.: A9943



Basic Information

Observed MW 43kDa

Calculated MW 43kDa

Category Primary antibody

Applications WB,IF/ICC,ELISA

Cross-Reactivity Human, Mouse, Rat

Background

Enables pyruvate dehydrogenase (acetyl-transferring) activity. Involved in pyruvate metabolic process. Located in mitochondrion and nucleolus.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID 5161

Swiss Prot P29803

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

PDHAL; SPGF70; PDHA2

Contact

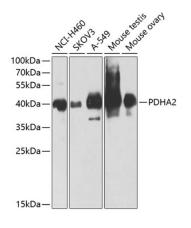
6	400-999-6126
\mathbf{X}	cn.market@abclonal.com.cn
€	www.abclonal.com.cn

Product Information

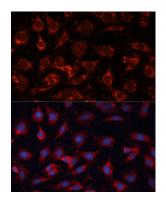
Source Rabbit **Isotype** IgG Purification Affinity purification

Storage

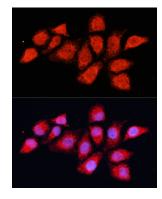
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.



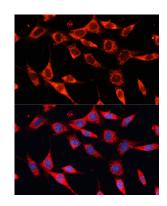
Western blot analysis of various lysates using PDHA2 Rabbit pAb (A9943) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.



Immunofluorescence analysis of C6 cells using PDHA2 Rabbit pAb (A9943) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using PDHA2 Rabbit pAb (A9943) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using PDHA2 Rabbit pAb (A9943) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.