

DTYMK Rabbit pAb

Catalog No.: A6370

Basic Information

Observed MW

24kDa

Calculated MW

24kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Enables thymidylate kinase activity. Predicted to be involved in dTDP biosynthetic process; dTTP biosynthetic process; and dUDP biosynthetic process. Predicted to act upstream of or within cellular response to growth factor stimulus and nucleotide biosynthetic process. Predicted to be located in mitochondrial intermembrane space and mitochondrial matrix. Predicted to be active in cytosol; mitochondrion; and nucleus.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

1841

Swiss Prot

P23919

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-212 of human DTYMK (NP_036277.2).

Synonyms

CDC8; TMPK; TYMK; CONPM; PP3731; DTYMK

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

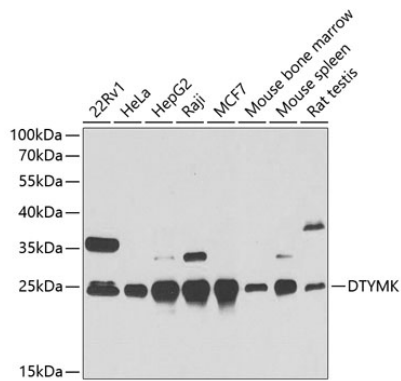
Affinity purification

Storage

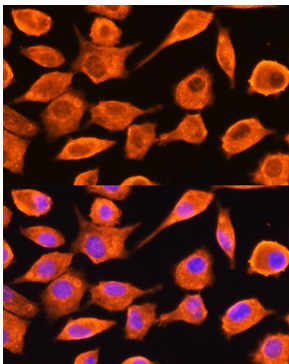
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

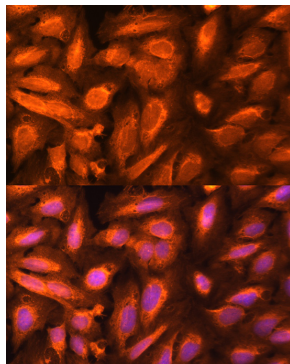
Validation Data



Western blot analysis of extracts of various cell lines, using DTYMK antibody (A6370) 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: 30s.



Immunofluorescence analysis of L929 cells using DTYMK Rabbit pAb (A6370) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using DTYMK Rabbit pAb (A6370) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.