

A2382

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DNPH1 Rabbit mAb

Catalog No.: A2382 **Recombinant**

Basic Information

Observed MW

20kDa

Calculated MW

19kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse

CloneNo number

ARC2571

Background

This gene was identified on the basis of its stimulation by c-Myc protein. The latter is a transcription factor that participates in the regulation of cell proliferation, differentiation, and apoptosis. The exact function of this gene is not known but studies in rat suggest a role in cellular proliferation and c-Myc-mediated transformation. Two alternative transcripts encoding different proteins have been described.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
10591	O43598

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 75-174 of human DNPH1 (O43598).

Synonyms

RCL; C6orf108; dj330M21.3; DNPH1

Contact



www.abclonal.com

Product Information

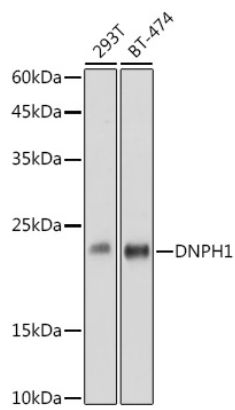
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

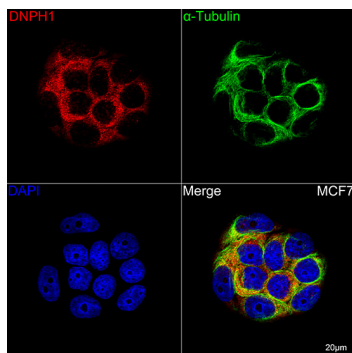
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using DNPH1 Rabbit mAb (A2382) 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: 60s.



Confocal imaging of MCF7 cells using DNPH1 Rabbit mAb (A2382, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.