

DCPS Rabbit pAb

Catalog No.: A10299

Basic Information

Observed MW

38kDa

Calculated MW

39kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

This gene encodes a member of the histidine triad family of pyrophosphatases that removes short mRNA fragments containing the 5' cap structure, which appear in the 3' mRNA decay pathway, following deadenylation and exosome-mediated turnover. This enzyme hydrolyzes the triphosphate linkage of the cap structure (7-methylguanosine nucleoside triphosphate) to yield 7-methylguanosine monophosphate and nucleoside diphosphate. It protects the cell from the potentially toxic accumulation of these short, capped mRNA fragments, and regulates the activity of other cap-binding proteins, which are inhibited by their accumulation. It also acts as a transcript-specific modulator of pre-mRNA splicing and microRNA turnover.

Recommended Dilutions

WB 1:1000 - 1:2000

Immunogen Information

Gene ID

28960

Swiss Prot

Q96C86

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human DCPS (NP_054745.1).

Synonyms

ARS; DCS1; HSL1; HINT5; HINT-5; HSPC015; DCPS

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

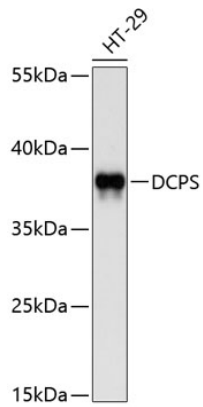
Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from HT-29 cells, using DCPS Rabbit pAb (A10299) 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: 15s.