DCP2 Antibody

PACO43725

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:200-1:1000, IHC:1:20-1:200

Protein Background:

Decapping metalloenzyme that catalyzes the cleavage of the cap structure on mRNAs. Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'-phosphorylated mRNA fragment and 7m-GDP. Necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Plays a role in replication-dependent histone mRNA degradation. Has higher activity towards mRNAs that lack a poly(A) tail. Has no activity towards a cap structure lacking an RNA moiety.

Gene ID:

DCP2

Uniprot

Q8IU60

Synonyms:

m7GpppN-mRNA hydrolase (EC 3.6.1.62) (Nucleoside diphosphate-linked moiety X motif 20) (Nudix motif 20) (mRNA-decapping enzyme 2) (hDpc), DCP2, NUDT20

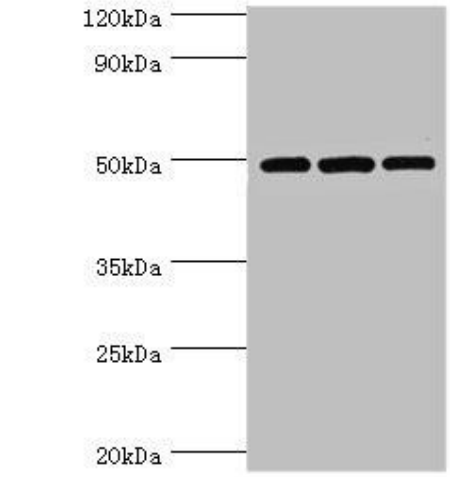
Immunogen:

Recombinant Human m7GpppN-mRNA hydrolase protein (1-240AA).

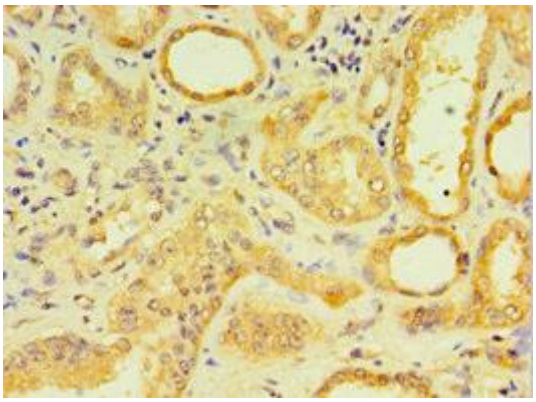
Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

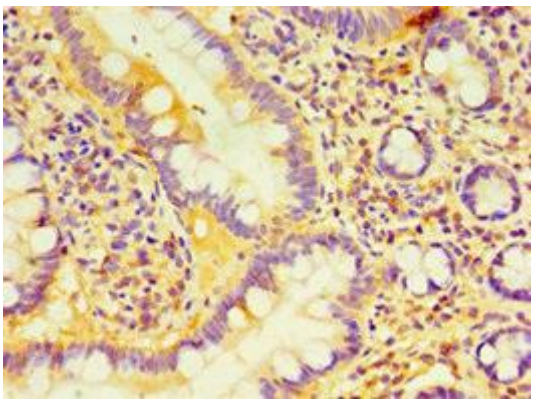
Product Images



Western blot. All lanes: m7GpppN-mRNA hydrolase antibody at 7µg/ml. Lane 1: Hela whole cell lysate. Lane 2: Jurkat whole cell lysate. Lane 3: 293T whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 49, 45 kDa. Observed band size: 49 kDa.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO43725 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human small intestine tissue using PACO43725 at dilution of 1:100.

