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Datasheet for ABIN7158863

anti-DCP2 antibody (AA 1-385) (Biotin)

Overview

Quantity:	100 µg
Target:	DCP2
Binding Specificity:	AA 1-385
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCP2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human m7GpppN-mRNA hydrolase protein (1-385AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DCP2
Alternative Name:	DCP2 (DCP2 Products)
Background:	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'-'

Target Details

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.

Aliases: DCP2 antibody, DCP2 decapping enzyme homolog (*S. cerevisiae*) antibody, DCP2, *S. cerevisiae*, homolog of antibody, DCP2_HUMAN antibody, decapping enzyme 2, *S. cerevisiae*, homolog of antibody, decapping enzyme homolog (*S. cerevisiae*) antibody, FLJ33245 antibody, hDpc antibody, m7GpppN-mRNA hydrolase antibody, mRNA decapping enzyme 2 antibody, mRNA-decapping enzyme 2 antibody, Nucleoside diphosphate-linked moiety X motif 20 antibody, nudix (nucleoside diphosphate linked moiety X)-type motif 20 antibody, Nudix motif 20 antibody, NUDT20 antibody

UniProt: [Q8IU60](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.