



Datasheet for ABIN2781065
anti-DCP1A antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	DCP1A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCP1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DCP1A
Sequence:	MEALSRAGQE MSLAALKQHD PYITSIADLT GQVALYTFCP KANQWEKTDI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against DCP1A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	DCP1A
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Target Details

Alternative Name: [DCP1A \(DCP1A Products\)](#)

Background: Decapping is a key step in general and regulated mRNA decay. The protein encoded by this gene is a decapping enzyme. This protein and another decapping enzyme form a decapping complex, which interacts with the nonsense-mediated decay factor hUpf1 and may be recruited to mRNAs containing premature termination codons. This protein also participates in the TGF-beta signaling pathway. Decapping is a key step in general and regulated mRNA decay. The protein encoded by this gene is a decapping enzyme. This protein and another decapping enzyme form a decapping complex, which interacts with the nonsense-mediated decay factor hUpf1 and may be recruited to mRNAs containing premature termination codons. This protein also participates in the TGF-beta signaling pathway.

Alias Symbols: SMIF, SMAD4IP1, HSA275986, Nbla00360

Protein Interaction Partner: RITA1, PNRC2, FHL2, MAPK3, DCP1B, DCP2, EDC3, EDC4, BAG4, DDX6, UBC, KANK2, PNRC1, AASS, TRIP13, EIF2B4, PFKM, XRN1, ZFP36, UPF1, SMAD4, HSPA1L, PAXIP1, MAPK8, USP4, AGO2, AGO1, LSM8, YWHAG, TTF2,

Protein Size: 515

Molecular Weight: 56 kDa

Gene ID: 55802

NCBI Accession: [NM_018403](#), [NP_060873](#)

UniProt: [Q9NPI6](#)

Application Details

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

Comment: Antigen size: 515 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Handling

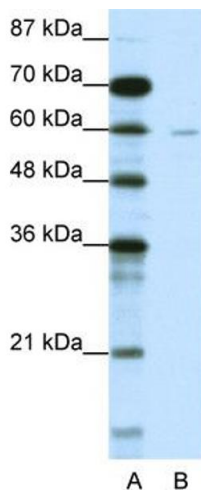
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DCP1A Antibody Titration: 1.25ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate DCP1A is supported by BioGPS gene expression data to be expressed in Jurkat



Western Blotting

Image 2. WB Suggested Anti-DCP1A Antibody Titration: 1.25 µg/mL ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate DCP1A is supported by BioGPS gene expression data to be expressed in Jurkat