

## **Affinity Biosciences** website:www.affbiotech.com

## DCP1A Ab

Cat.#: AF0551 Concn.: 1mg/ml Mol.Wt.: 75kDa Size: 100ul.200ul Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000. IF/ICC 1:100-1:500

Reactivity: Human, Mouse

Purification: The antiserum was purified by peptide affinity

chromatography using SulfoLink™ Coupling Resin (Thermo

Fisher Scientific).

Specificity: DCP1A Ab detects endogenous levels of DCP1A.

Immunogen: A synthesized peptide derived from human DCP1A.

Uniprot: O9NPI6

Description: Detected in heart, brain, placenta, lung, skeletal muscle,

liver, kidney and pancreas

Subcellular Location: Cytoplasm > P-body. Nucleus. Co-localizes with NANOS3 in

the processing bodies (By similarity). Predominantly

cytoplasmic, in processing bodies (PB). Nuclear, after TGFB1

treatment. Translocation to the nucleus depends on

interaction with SMAD4.

Tissue Specificity: Detected in heart, brain, placenta, lung, skeletal muscle,

liver, kidney and pancreas.

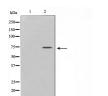
Similarity: Belongs to the DCP1 family.

Storage Condition and

Buffer:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20

°C.Stable for 12 months from date of receipt.



Western blot analysis on Jurkat cell lysate using DCP1A Ab, The lane on the left is treated with the antigen-specific peptide.



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AF0551 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween020 at  $4^{\circ}$ C with gentle shaking, overnight.

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