

## DCP1A

**Reactivity:** Human

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:50

**Calculated MW:** 63kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human DCP1A

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

SMIF; SMAD4IP1; HSA275986; Nbla00360;

**Catalog #:** A7376

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 55802

**Isotype:** IgG

**Swiss Prot:** Q9NPI6

**Purity:** Affinity purification

For research use only.

**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. Alternative splicing of this gene results in multiple transcript variants.

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