

Recombinant

DGRmAb®

Dcp1a (DGR14387) Rabbit mAb (PBS Only)

db15317-PBS

Package : 100µg

Product Name : Dcp1a (DGR14387) Rabbit mAb (PBS Only)**Cat.No.:** db15317-PBS**Synonyms** : SMIF; SMAD4IP1; HSA275986; Nbla00360**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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. [provided by RefSeq, Feb 2014]

Immunogen

A synthetic peptide of human Dcp1a

Gene ID

55802

Swiss Prot

Q9NPI6

Synonyms

SMIF; SMAD4IP1; HSA275986; Nbla00360

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:200

FC: 1:100

Calculated MW

63 kDa

Observed MW

75 kDa

Host species

Rabbit

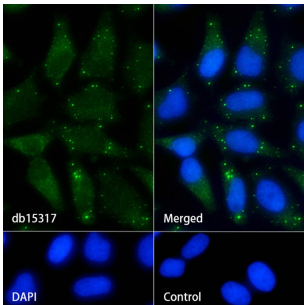
Clonality

Monoclonal

Clonality No.

DGR14387

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling Dcp1a with db15317.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15317 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.