

Product Name: DCP1A (1Q16) Rabbit Monoclonal Antibody
Catalog #: AMRe09845

Summary

Production Name	DCP1A (1Q16) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	DCP1A
Alternative Names	Dcp1a; HSA275986; Nbla00360; SMAD4IP1; SMIF;
Gene ID	55802.0
SwissProt ID	Q9NPI6.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	63kDa

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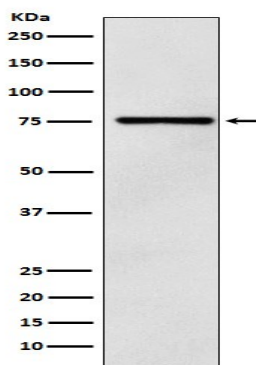


Background

Necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'-phosphorylated mRNA fragment and 7m-GDP. Contributes to the transactivation of target genes after stimulation by TGFB1. Necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay (PubMed:[12417715](http://www.uniprot.org/citations/12417715)). Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'- phosphorylated mRNA fragment and 7m-GDP (PubMed:[12417715](http://www.uniprot.org/citations/12417715)). Contributes to the transactivation of target genes after stimulation by TGFB1 (PubMed:[11836524](http://www.uniprot.org/citations/11836524)). Essential for embryonic development (PubMed:[33813271](http://www.uniprot.org/citations/33813271)).

Research Area

Image Data



Western blot analysis of DCP1A expression in 293T cell lysate.

Note

For research use only.