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,IHC-P,ICC/IF,FC,IF-P
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 1:1000-1:5000, IHC-P/IF-P 1:100-1:200, ICC/IF 1:100-1:200, FCM 1:100
Molecular Weight	63kDa

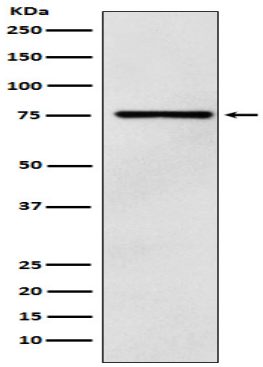
Product Name: DCP1A (1Q16) Rabbit Monoclonal Antibody
Catalog #: AMRe09845

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). Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'- phosphorylated mRNA fragment and 7m-GDP (PubMed:12417715). Contributes to the transactivation of target genes after stimulation by TGFB1 (PubMed:11836524). Essential for embryonic development (PubMed:33813271).

Research Area

Image Data



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

Note

For research use only.