

DCP1A Antibody

Catalog No: #34074

Package Size: #34074-1 50ul #34074-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

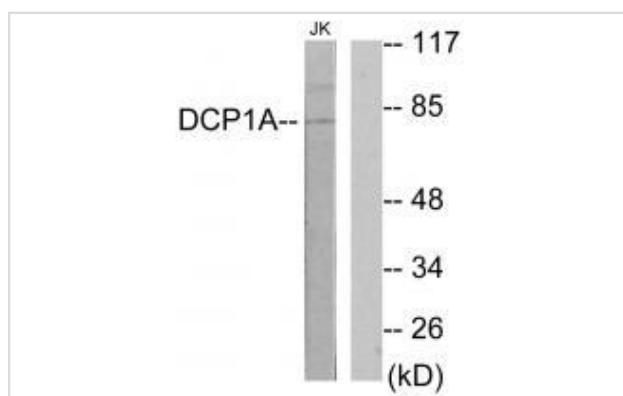
Description

Product Name	DCP1A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total DCP1A protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human DCP1A.
Target Name	DCP1A
Other Names	mRNA-decapping enzyme 1A; EC 3.-.-.-; Transcription factor SMIF; Smad4-interacting transcriptional co-activator; DCP1A
Accession No.	Swiss-Prot: Q9NPI6NCBI Gene ID: 55802
Uniprot	Q9NPI6
GeneID	55802;
SDS-PAGE MW	75kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Jurkat cells, using DCP1A antibody #34074.

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.

Lykke-Andersen J., Mol. Cell. Biol. 22:8114-8121(2002).

Bai R.-Y., Nat. Cell Biol. 4:181-190(2002).

Ota T., Nat. Genet. 36:40-45(2004).

Note: This product is for in vitro research use only