

Rabbit anti-Human, Mouse DCP1A Polyclonal Antibody | anti-DCP1A antibody

Rabbit anti-DCP1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA221048	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

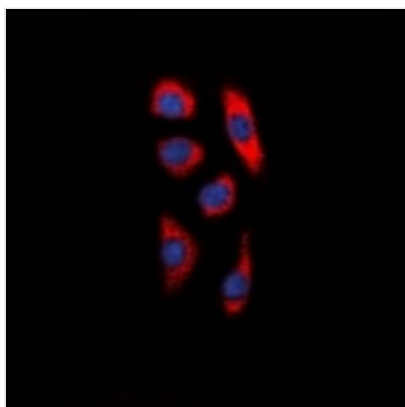
PRODUCT SYNONYMS

DCP1A; Polyclonal Antibody; Rabbit anti-DCP1A Antibody; SMIF; mRNA-decapping enzyme 1A; Smad4-interacting transcriptional co-activator; Transcription factor SMIF; anti-DCP1A antibody

PRODUCT SPECIFICATIONS

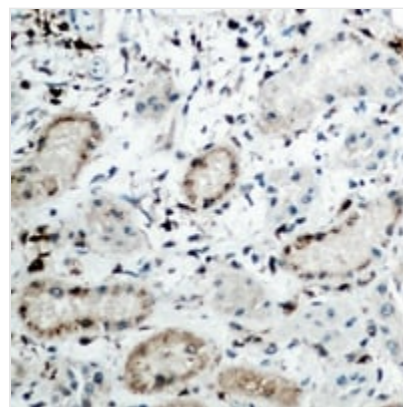
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-DCP1A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DCP1A. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



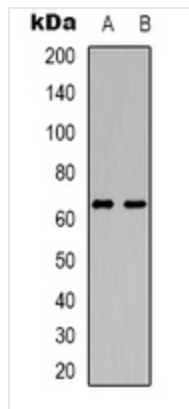
IF (Immunofluorescence)

Immunofluorescent analysis of DCP1A staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of DCP1A staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of DCP1A expression in HuvEc (A), Jurkat (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-DCP1A antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291327466
NCBI GeneID	55802
NCBI Accession #	NP_060873.4
NCBI GenBank Nucleotide #	NM_018403.5
UniProt Accession #	Q9NPI6; Q91YD3
Molecular Weight	63,309 Da
NCBI Official Full Name	mRNA-decapping enzyme 1A
NCBI Official Synonym Full Names	decapping mRNA 1A
NCBI Official Symbol	DCP1A
NCBI Official Synonym Symbols	SMIF; SMAD4IP1; HSA275986; Nbla00360
NCBI Protein Information	mRNA-decapping enzyme 1A; decapping enzyme hDcp1a; transcription factor SMIF; DCP1 decapping enzyme homolog A; putative protein product of Nbla00360; Smad4-interacting transcriptional co-activator
UniProt Protein Name	mRNA-decapping enzyme 1A
UniProt Gene Name	DCP1A
UniProt Synonym Gene Names	SMIF
UniProt Entry Name	DCP1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.