

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

DCP1A Antibody

CATALOG # AAA231195	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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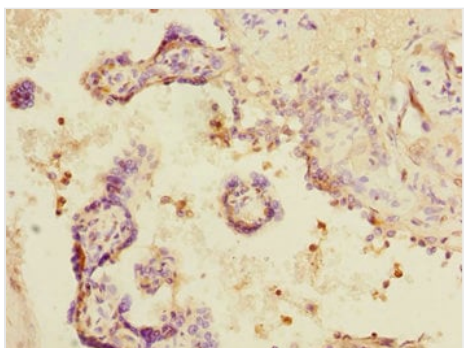
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

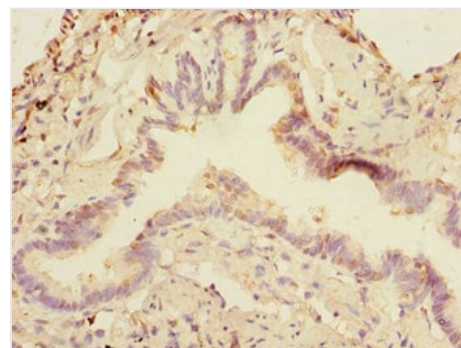
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	544
Applicable Applications for anti-DCP1A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human mRNA-decapping enzyme 1A protein (C-280AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-34909 / sc-34910 / sc-22574 / sc-22575
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



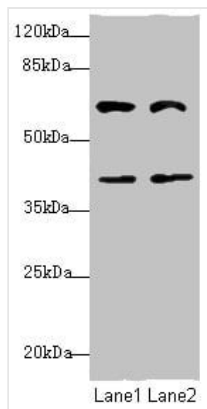
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA231195 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA231195 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: DCP1A antibody at 3.79ug/mlLane 1: Jurkat whole cell lysateLane 2: HepG-2 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 64,60 kDaObserved band size: 63 kDa,40 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DCP1A antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	589269220
NCBI GeneID	55802
NCBI Accession #	NP_001277133.1
NCBI GenBank Nucleotide #	NM_001290204.1
UniProt Accession #	Q9NPI6; B4DHN9; U3KQM8
Molecular Weight	59,361 Da
NCBI Official Full Name	mRNA-decapping enzyme 1A isoform b
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
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.