

Rabbit anti-Human m7GpppN-mRNA hydrolase Polyclonal Antibody | anti-DCP2 antibody

Rabbit anti-human m7GpppN-mRNA hydrolase polyclonal Antibody(DCP2)

CATALOG # AAA119739	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

m7GpppN-mRNA hydrolase; Polyclonal Antibody; Rabbit anti-human m7GpppN-mRNA hydrolase polyclonal Antibody(DCP2); Nucleoside diphosphate-linked moiety X motif 20; Nudix motif 20; mRNA-decapping enzyme 2; hDpc; DCP2; NUDT20; anti-DCP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	385
Applicable Applications for anti-DCP2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human m7GpppN-mRNA hydrolase protein (1-240aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26085 / sc-26084 / sc-133650
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



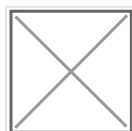
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA119739 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine using AAA119739 at dilution 1:100



WB (Western Blot)

All lanes: m7GpppN-mRNA hydrolase antibody at 7ug/mL Lane 1: Hela whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: 293T whole cell lysate Secondary: Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 49,45 kDa Observed band size: 48 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DCP2 antibody	Decapping metalloenzyme that catalyzes the cleavage of the cap structure on mRNAs. Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'-phosphorylated mRNA fragment and 7m-GDP. Necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Plays a role in replication-dependent histone mRNA degradation. Has higher activity towards mRNAs that lack a poly(A) tail. Has no activity towards a cap structure lacking an RNA moiety.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	334688848
NCBI GeneID	167227
NCBI Accession #	NP_001229306.1
NCBI GenBank Nucleotide #	NM_001242377.1
UniProt Accession #	Q8IU60; Q6P2D4; Q7Z5W5; Q8NBG5; C9J778
Molecular Weight	44,443 Da
NCBI Official Full Name	m7GpppN-mRNA hydrolase isoform 2
NCBI Official Synonym Full Names	decapping mRNA 2
NCBI Official Symbol	DCP2
NCBI Official Synonym Symbols	NUDT20
NCBI Protein Information	m7GpppN-mRNA hydrolase
UniProt Protein Name	m7GpppN-mRNA hydrolase
UniProt Gene Name	DCP2
UniProt Synonym Gene Names	NUDT20; Nudix motif 20; hDpc
UniProt Entry Name	DCP2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/m7gpppn-mrna-hydrolase-antibody-immunohistochemistry-western-blot-elisa/119739>