

Rabbit DCP2 Polyclonal Antibody | anti-DCP2 antibody

DCP2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284862	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DCP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-173 amino acids from the Central region of human DCP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	144-173
Sequence Length	385
Applicable Applications for anti-DCP2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

DCP2 Antibody (Center) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

DCP2 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DCP2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DCP2 Antibody (Center) in HL-60 cell line lysates (35ug/lane). DCP2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DCP2 antibody	DCP2 is a key component of an mRNA-decapping complex required for removal of the 5-prime cap from mRNA prior to its degradation from the 5-prime end (Fenger-Gron et al., 2005).
References	Yamochi,T., et.al., Biochem. Biophys. Res. Commun. 370 (1), 195-199 (2008) Li,Y., et.al., Mol. Cell. Biol. 28 (3), 939-948 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	334688848
NCBI GeneID	167227
NCBI Accession #	NP_001229306.1; NP_689837.2
NCBI GenBank Nucleotide #	NM_001242377.1
UniProt Accession #	Q8IU60; Q6P2D4; Q7Z5W5; Q8NBG5; C9J778
Molecular Weight	48457
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/dcp2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284862>