

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

Rabbit anti-DCPS Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213269	Rabbit	Human	Immunoprecipitation, Western Blot

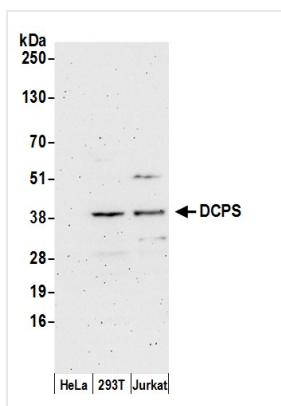
PRODUCT SYNONYMS

DCPS; Polyclonal Antibody; Rabbit anti-DCPS Antibody; Affinity Purified; HSL1; scavenger mRNA-decapping enzyme DcpS; mRNA decapping enzyme; HSPC015; homolog of C. elegans 7meGMP-directed hydrolase dcs-1; histidine triad protein member 5; histidine triad nucleotide-binding protein 5; hint-related 7meGMP-directed hydrolase; HINT5; heat shock-like protein 1; epididymis secretory sperm binding protein; decapping scavenger enzyme; 5'-(N(7)-methyl 5'-triphosphoguanosine)-[mRNA] diphosphatase; DCS-1; DCS1; ARS; HINT-5; m7GpppX diphosphatase; decapping enzyme; scavenger; anti-DCPS antibody

PRODUCT SPECIFICATIONS

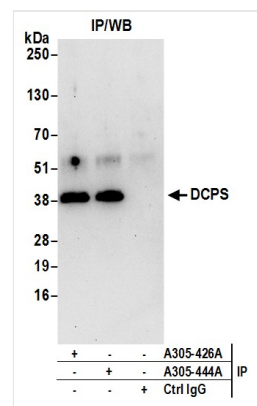
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DCPS antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 287 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human DCPS by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DCPS antibody AAA213269 (lot AAA213269-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human DCPS by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DCPS antibody AAA213269 (lot AAA213269-1) used for IP at 6 ug per reaction. DCPS was also immunoprecipitated by rabbit anti-DCPS antibody For blotting immunoprecipitated DCPS, AAA213269 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-DCPS antibody	DCPS is a decapping scavenger enzyme that catalyzes the cleavage of a residual cap structure following the degradation of mRNAs by the 3'->5' exosome-mediated mRNA decay pathway. DCPS Hydrolyzes cap analog structures like 7-methylguanosine nucleoside triphosphate (m7GpppG) with up to 10 nucleotide substrates (small capped oligoribonucleotides) and specifically releases 5'-phosphorylated RNA fragments and 7-methylguanosine monophosphate (m7GMP)[taken from NCBI Entrez Gene (Gene ID: 28960)].
Product Categories/Family for anti-DCPS antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661734
NCBI GeneID	28960
NCBI Accession #	NP_054745.1
NCBI GenBank Nucleotide #	NM_014026.4
UniProt Accession #	Q96C86; Q8NHL8; Q9Y2S5
Molecular Weight	38,609 Da
NCBI Official Full Name	m7GpppX diphosphatase
NCBI Official Synonym Full Names	decapping enzyme, scavenger
NCBI Official Symbol	DCPS
NCBI Official Synonym Symbols	DCS1; HSL1; HINT5; HINT-5; HSPC015
NCBI Protein Information	m7GpppX diphosphatase; decapping scavenger enzyme; heat shock-like protein 1; hint-related 7meGMP-directed hydrolase; histidine triad nucleotide-binding protein 5; histidine triad protein member 5; homolog of C. elegans 7meGMP-directed hydrolase dcs-1; mR
UniProt Protein Name	m7GpppX diphosphatase
UniProt Gene Name	DCPS
UniProt Synonym Gene Names	DCS1; HINT5; HINT-5
UniProt Entry Name	DCPS_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/dcps-antibody-immunoprecipitation-western-blot-elisa/213269>