

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

Rabbit anti-HCS Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212579	Rabbit	Human	Immunoprecipitation, Western Blot

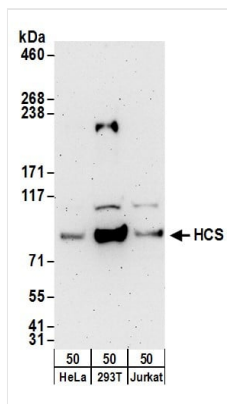
PRODUCT SYNONYMS

HCS; Polyclonal Antibody; Rabbit anti-HCS Antibody; Affinity Purified; biotin--[methylmalonyl-CoA-carboxytransferase] ligase; holocarboxylase synthetase (biotin-(propionyl-Coenzyme A-carboxylase (ATP-hydrolysing)) ligase); holocarboxylase synthetase (biotin-(propionyl-CoA-carboxylase (ATP-hydrolysing)) ligase); Holocarboxylase synthetase; biotin--protein ligase; biotin--[methylcrotonoyl-CoA-carboxylase] ligase; biotin--[acetyl-CoA-carboxylase] ligase; biotin apo-protein ligase; Biotin--protein ligase; holocarboxylase synthetase; anti-HCS antibody

PRODUCT SPECIFICATIONS

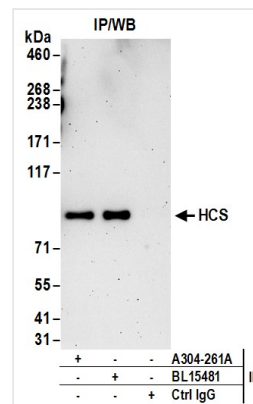
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HCS antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
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 HCS by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-HCS antibody AAA212579 (lot AAA212579-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human HCS by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-HCS antibody AAA212579 (lot AAA212579-1) used for IP at 6 ug per reaction. HCS was also immunoprecipitated by rabbit anti-HCS antibody BL15481. For blotting immunoprecipitated HCS, AAA212579 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-HCS antibody	Holocarboxylase synthase (HCS) is an enzyme that catalyzes the binding of biotin to carboxylases and histones. HCS plays an important role in gluconeogenesis, fatty acid synthesis and branched chain amino acid catabolism [taken from NCBI Entrez Gene (Gene ID: 3141)].
Product Categories/Family for anti-HCS antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	46255045
NCBI GeneID	3141
NCBI Accession #	NP_000402.3
NCBI GenBank Nucleotide #	NM_000411.6
UniProt Accession #	P50747; Q99451; B2RAH1; D3DSG6
Molecular Weight	80,760 Da
NCBI Official Full Name	biotin--protein ligase
NCBI Official Synonym Full Names	holocarboxylase synthetase (biotin-(propionyl-CoA-carboxylase (ATP-hydrolysing)) ligase)
NCBI Official Symbol	HLCS
NCBI Official Synonym Symbols	HCS
NCBI Protein Information	biotin--protein ligase; biotin apo-protein ligase; biotin--[acetyl-CoA-carboxylase] ligase; biotin--[methylcrotonoyl-CoA-carboxylase] ligase; biotin--[methylmalonyl-CoA-carboxytransferase] ligase; holocarboxylase synthetase (biotin-(propionyl-Coenzyme A-
UniProt Protein Name	Biotin--protein ligase
UniProt Gene Name	HLCS
UniProt Synonym Gene Names	HCS
UniProt Entry Name	BPL1_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://www.aaabiotech.com/polyclonal/hcs-antibody-immunoprecipitation-western-blot-elisa/212579>