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Datasheet for ABIN5516597 **anti-HLCS antibody (C-Term)**

Overview

Quantity:	100 µL
Target:	HLCS
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLCS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen for Anti-HLCS antibody is: synthetic peptide directed towards the C-terminal region of Human BPL1
Sequence:	MSVAVVEAVR SIPEYQDINL RVKWPNDIYY SDLMKIGGVL VNSTLMGETF
Characteristics:	This is a rabbit polyclonal antibody against BPL1. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	HLCS
Alternative Name:	HLCS (HLCS Products)
Background:	This gene encodes an enzyme that catalyzes the binding of biotin to carboxylases and

Target Details

histones. The protein plays an important role in gluconeogenesis, fatty acid synthesis and branched chain amino acid catabolism. Defects in this gene are the cause of holocarboxylase synthetase deficiency. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Alias Symbols: HCS

Protein Size: 726

Gene ID: 3141

NCBI Accession: [XP_006724059](#)

UniProt: [P50747](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.