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Datasheet for ABIN7145611  
**anti-HLCS antibody (AA 603-714)**

2 Images

Overview

Quantity:	100 µg
Target:	HLCS
Binding Specificity:	AA 603-714
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLCS antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Biotin-protein ligase protein (603-714AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HLCS
Alternative Name:	HLCS ( <a href="#">HLCS Products</a> )
Background:	Background: Post-translational modification of specific protein by attachment of biotin. Acts on various carboxylases such as acetyl-CoA-carboxylase, pyruvate carboxylase, propionyl CoA

## Target Details

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carboxylase, and 3-methylcrotonyl CoA carboxylase.

Aliases: Biotin [acetyl CoA carboxylase] ligase antibody, Biotin [methylcrotonoyl CoA carboxylase] ligase antibody, Biotin [methylmalonyl CoA carboxytransferase] ligase antibody, Biotin [propionyl CoA carboxylase [ATP hydrolyzing]] ligase antibody, Biotin apo protein ligase antibody, Biotin apo-protein ligase antibody, Biotin protein ligase antibody, Biotin-[acetyl-CoA-carboxylase] ligase antibody, BPL1\_HUMAN antibody, HCS antibody, HLCS antibody, Holocarboxylase synthetase antibody, Holocarboxylase synthetase, EC 6.3.4 antibody

UniProt: [P50747](#)

## Application Details

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Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

## Handling

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Format: Liquid

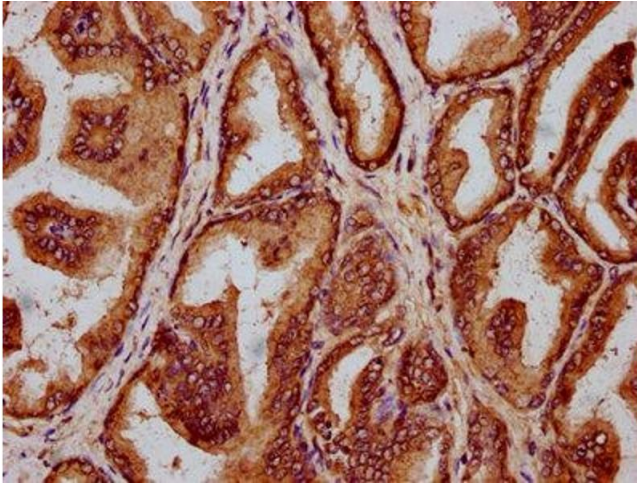
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

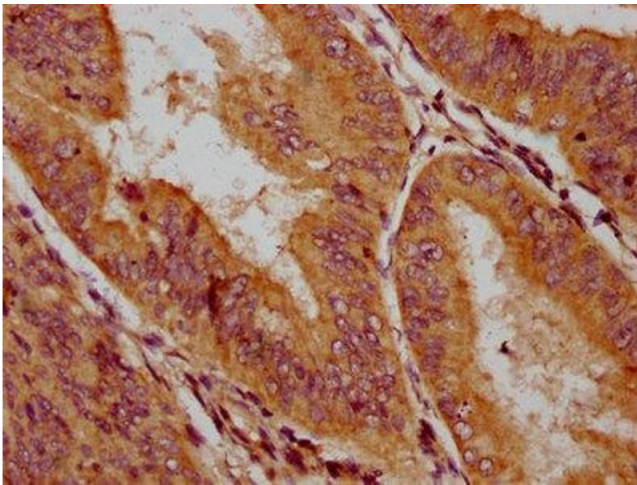
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** IHC image of ABIN7145611 diluted at 1:200 and staining in paraffin-embedded human prostate tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Immunohistochemistry

**Image 2.** IHC image of ABIN7145611 diluted at 1:200 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.