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Datasheet for ABIN2781259

anti-DCST1 antibody (C-Term)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	DCST1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCST1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DCST1
Sequence:	SYVCRTLDC EAVYCWSCWDD MRQRCPVCTP REELSSSAFS DSNDDTAYAG
Predicted Reactivity:	Cow: 79%, Dog: 79%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Rabbit: 93%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against DCST1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DCST1
Alternative Name:	DCST1 (DCST1 Products)

Target Details

Background: The function remains unknown.
Alias Symbols: FLJ32785, RP11-307C12.10
Protein Interaction Partner: NEDD1, CUL4A,
Protein Size: 706

Molecular Weight: 78 kDa

Gene ID: 149095

NCBI Accession: [NM_152494](#), [NP_689707](#)

UniProt: [Q5T197](#)

Application Details

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

Comment: Antigen size: 706 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

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.

Handling Advice: Avoid repeated freeze-thaw cycles.

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.

Publications

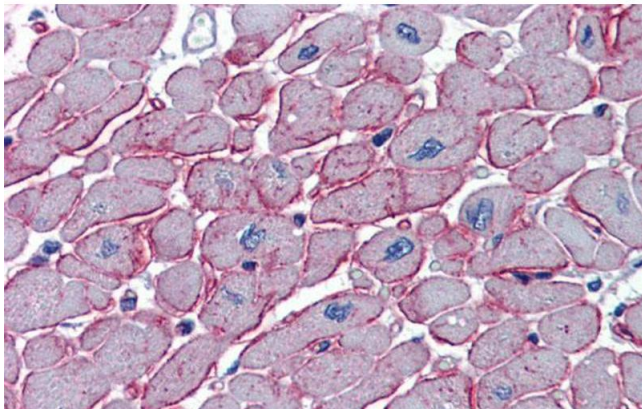
Product cited in: Hu, Lausted, Yoo, Yan, Brightman, Chen, Wang, Bu, Hood: "Quantitative liver-specific protein fingerprint in blood: a signature for hepatotoxicity." in: **Theranostics**, Vol. 4, Issue 2, pp. 215-28, (

Images



Western Blotting

Image 1. WB Suggested Anti-DCST1 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Immunohistochemistry

Image 2. Immunohistochemistry with Human Heart lysate tissue at an antibody concentration of 5.0ug/ml using anti-DCST1 antibody