

Anti-DCST2 Antibody Picoband®

Catalog Number: A17859-1

About DCST2

Predicted to be involved in fusion of sperm to egg plasma membrane involved in single fertilization and sperm-egg recognition. Predicted to be located in acrosomal membrane.

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Overview

Product Name	Anti-DCST2 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-DCST2 Antibody Picoband® catalog # A17859-1. Tested in WB, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q5T1A1

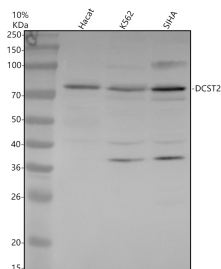
Technical Details

Immunogen	E.coli-derived human DCST2 recombinant protein (Position: M1-E687).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

Suggested Dilutions

Western blot, 0.25-0.5 ug/ml, Human
ELISA, 0.1-0.5 ug/ml

Anti-DCST2 Antibody Picoband® (A17859-1) Images



Western blot analysis of DCST2 using anti-DCST2 antibody (A17859-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hacat whole cell lysates, Lane 2: human K562 whole cell lysates, Lane 3: human SIHA whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-DCST2 antigen affinity purified polyclonal antibody (A17859-1) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for DCST2 at approximately 72 kDa. The expected band size for DCST2 is at 86 kDa.

Anti-DCST2 Antibody

For Research Use Only. Not for use in diagnostic procedures.