

Anti-DANCR Antibody Picoband®

Catalog Number: A14171

About DANCR

This gene produces a long non-coding RNA that functions as a negative regulator of cell differentiation. This transcript associates with enhancer of zeste homolog 2 to repress expression of the runt related transcription factor 2 gene. Increased expression of this transcript may be associated with cancer. Alternatively spliced transcript variants have been observed.

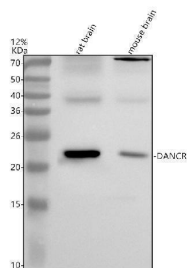
Overview

Product Name	Anti-DANCR Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-DANCR Antibody Picoband® catalog # A14171. Tested in WB applications. This antibody reacts with Mouse, Rat. 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	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	Q3T987

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse DANCR.
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, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Human Immunocytochemistry/Immunofluorescence, 5 ug/ml, Human ELISA, 0.1-0.5 ug/ml

Anti-DANCR Antibody Picoband® (A14171) Images



Western blot analysis of DANCR using anti-DANCR antibody (A14171). Electrophoresis was performed on a 12% 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: rat brain tissue lysates, Lane 2: mouse brain tissue 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-DANCR antigen affinity purified polyclonal antibody (A14171) 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 DANCR at approximately 22 kDa. The expected band size for DANCR is at 22 kDa.

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Anti-DANCR Antibody

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