

Anti-Calciressin-1 RCAN1 Antibody

Catalog Number: A02795

About RCAN1

The nuclear form acts as a tumor suppressor by preventing ubiquitination and degradation of isoform p19ARF/ARF of CDKN2A by TRIP12: acts by interacting with TRIP12, leading to disrupt interaction between TRIP12 and isoform p19ARF/ARF of CDKN2A. By similarity. Adapter molecule for TNFRSF1A/TNFR1 that specifically associates with the cytoplasmic domain of activated TNFRSF1A/TNFR1 mediating its interaction with FADD. Overexpression of TRADD leads to two major TNF-induced responses, apoptosis and activation of NF-kappa-B.

Hiroyasu Inada, J. Cell Biol., Oct 2001; 155: 415.

Kenneth M. Izumi, Mol. Cell. Biol., Aug 1999; 19: 5759 - 5767.

Susumu Rokudai, Mol. Cell. Biol., Dec 2002; 22: 8695 - 8708.

Overview

Product Name	Anti-Calciressin-1 RCAN1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Calciressin-1 RCAN1 Antibody catalog # A02795. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P53805

Technical Details

Immunogen	Synthesized peptide derived from human ROM-K around the phosphorylation site of S44.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

Anti-Calpressin-1 RCAN1 Antibody (A02795) Images

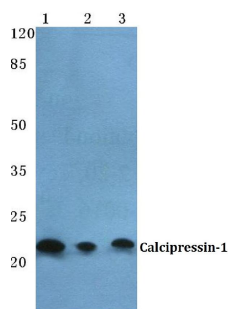


Figure 1. Western blotting validation for Anti-Calpressin-1 RCAN1 Antibody A02795

Western blot (WB) analysis of Calpressin-1 polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:Raw264.7 cell lysate

Lane3:H9C2 cell lysate

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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