

Anti-RNase L Antibody

Catalog Number: A02521

About RNASEL

Weakly binds calcium but binds zinc very tightly-distinct binding sites with different affinities exist for both ions on each monomer. Physiological concentrations of potassium ion antagonize the binding of both divalent cations, especially affecting high-affinity calcium-binding sites. May mediate calcium-dependent regulation on many physiological processes by interacting with other proteins, such as TPR-containing proteins, and modulating their activity.

Patrick Most, J. Biol. Chem., Nov 2003; 278: 48404 - 48412.

Miki Okada, J. Biol. Chem., Feb 2004; 279: 4221 - 4233.

Melanie Boerries, Mol. Cell. Biol., Jun 2007; 27: 4365 - 4373.

Patrick Most, J. Clin. Invest., Dec 2004; 114: 1550 - 1563.

Overview

Product Name	Anti-RNase L Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RNase L Antibody catalog # A02521. 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	Q05823

Technical Details

Immunogen	Synthesized peptide derived from human SPAK around the phosphorylation site of S325.
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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:2000</p>

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