BOSTER BIOLOGICAL TECHNOLOGY
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Anti-KappaB ras2 NKIRAS2 Antibody

Catalog Number: A13450

About NKIRAS2

KappaB ras-1 (kappaB-ras-1) and kappaB-ras-2 are two small proteins that similar to Ras-like small GTPases that associate with IkappaB (IkappaB), an inhibitor of the transcription factor NF-kappaB. IkappaB exists in two homologous forms, IkappaB-alpha and IkappaB-beta, although IkappaB-beta contains a unique 47-amino acid region within its ankyrin domain. While inactive IkappaB-alpha-NF-kappaB complexes can shuttle in and out of the nucleus, IkappaB-beta-NF-kappaB complexes are retained exclusively in the cytoplasm. It is suggested that kappaB-ras proteins preferentially bind to the IkappaB-beta form through this unique insert within the ankyrin region, thus modulating the cellular location of IkappaB-beta and regulating the rate of degradation of IkappaB-beta. This antibody is specific for kappaB-ras2 and has no cross-reactivity to kappaB-ras1.

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Overview

Product Name	Anti-KappaB ras2 NKIRAS2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-KappaB ras2 NKIRAS2 Antibody (Catalog # A13450). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	KappaB ras2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	KappaB ras2 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NYR9

Technical Details

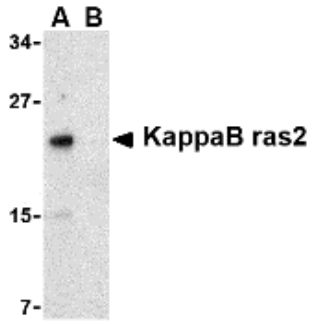
Immunogen	KappaB ras2 antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human KappaB ras2. The immunogen is located within the last 50 amino acids of KappaB ras2.

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Predicted Reactive Species	Chicken
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	KappaB ras2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	KappaB ras2 antibody can be used for detection of KappaB ras1 by Western blot at 1 ug/mL. Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-KappaB ras2 NKIRAS2 Antibody (A13450) Images



Western blot analysis of KappaB ras2 in RAW264.7 cell lysate with KappaB ras2 antibody at 1 ug/mL in the (A) absence and (B) presence of blocking peptide.

Anti-KappaB ras2 NKIRAS2 Antibody

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