BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Akirin-1 Akirin1 Antibody

Catalog Number: A12102

About AKIRIN1

The highly conserved, nuclear-localized Akirin1 and Akirin2 proteins critically regulate the transcription of NF-kappaB-dependent genes and are required for defense against Gram-negative bacteria in the immune deficiency and NF-kappaB pathways. Akirin1 is dispensable in the mouse, and neither knockout mice nor cells derived from them have obvious distinctive phenotypes. In contrast, Akirin2 is required for development in the mouse and knockout of both Akirin homologs in mice show that Akirin2 is required downstream of toll-like receptor (TLR), TNF-alpha and IL-1beta signaling, and for the production of IL-6. Akirin2 is functionally closer to the single gene in Drosophila, as the homozygous null D. melanogaster Akirin mutants show a similar, mid-to-early embryonic death.

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Overview

Product Name	Anti-Akirin-1 Akirin1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Akirin-1 Akirin1 Antibody (Catalog # A12102). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Akirin1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Akirin1 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	Q9H9L7

Technical Details

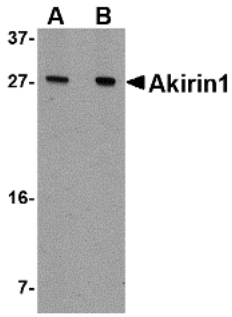
Immunogen	Akirin1 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of the human Akirin1. The immunogen is located within the first 50 amino acids of Akirin1.
Predicted Reactive Species	Bovine

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Akirin1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Akirin1 antibody can be used for detection of Akirin1 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in human 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-Akirin-1 Akirin1 Antibody (A12102) Images



Western blot analysis of Akirin1 in A549 cell lysate with Akirin1 antibody at (A) 1 and (B) 2 ug/mL.

Anti-Akirin-1 Akirin1 Antibody

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