BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Akirin-2 Akirin2 Antibody

Catalog Number: A08948-1

About AKIRIN2

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-2 Akirin2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Akirin-2 Akirin2 Antibody (Catalog # A08948-1). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Akirin2 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q53H80

Technical Details

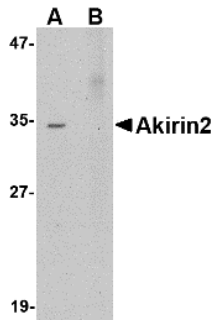
Immunogen	Akirin2 antibody was raised against a 15 amino acid synthetic peptide near the center of the human Akirin2. The immunogen is located within amino acids 80 - 130 of Akirin2.
Predicted Reactive Species	Bovine

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Akirin2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Akirin2 antibody can be used for detection of Akirin2 by Western blot at 0.5 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-2 Akirin2 Antibody (A08948-1) Images



Western blot analysis of Akirin2 in Human Brain tissue lysate with Akirin2 antibody at 0.5 ug/mL in (A) the absence and (B) the presence ofblocking peptide.

Anti-Akirin-2 Akirin2 Antibody

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