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Datasheet for ABIN1536697

anti-Akirin 1 antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	Akirin 1 (AKIRIN1)
Binding Specificity:	AA 131-158, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Akirin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This AKIR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-158 amino acids from the C-terminal region of human AKIR1.
Clone:	RB25247
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Akirin 1 (AKIRIN1)
Alternative Name:	AKIR1 (AKIRIN1 Products)
Background:	The highly conserved, nuclear-localized AKIRIN1 and Akirin2 proteins critically regulate the

Target Details

transcription of NF- κ B dependent genes and are required for defense against Gram-negative bacteria in the immune deficiency and NF- κ B 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- α and IL-1 β 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.

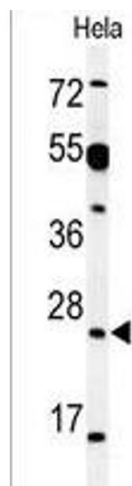
Molecular Weight:	21867
Gene ID:	79647
NCBI Accession:	NP_001129747 , NP_078871
UniProt:	Q9H9L7

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	AKIR1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of AKIR1 Antibody (C-term) (ABIN1536697 and ABIN2849321) in HeLa cell line lysates (35 µg/lane). AKIR1 (arrow) was detected using the purified Pab.