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Datasheet for ABIN1386924  
**anti-Akirin 1 antibody**

### Overview

Quantity:	100 µL
Target:	Akirin 1 (AKIRIN1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Akirin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AKIRIN1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	Akirin 1 (AKIRIN1)
Alternative Name:	AKIRIN1 ( <a href="#">AKIRIN1 Products</a> )
Background:	Synonyms: AKIRIN 1, C1orf108, FLJ12666, OTTHUMP00000008669, RP11-781D11.2, STRF2, AKIR1_HUMAN. Background: AKIRIN1 is dispensable in the mouse, and neither knockout mice nor cells derived

## Target Details

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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. The highly conserved, nuclear-localized AKIRIN1 and Akirin2 proteins critically regulate the transcription of NF-kB dependent genes and are required for defense against Gram-negative bacteria in the immune deficiency and NF-kB pathways.

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months