



[Go to Product page](#)

Datasheet for ABIN6142516  
**anti-IRAK2 antibody (AA 1-270)**

2 Images

Overview

Quantity:	100 µL
Target:	IRAK2
Binding Specificity:	AA 1-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRAK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human IRAK2 (NP_001561.3).
Sequence:	MACYIYQLPS WVLDLRCNM DALSEWDWME FASYVITDLT QLRKIKSMER VQGV SITREL LWWWGMRQAT VQQLVDLLCR LELYRAAQII LNWKPAPEIR CPIPAFPDSV KPEKPLAASV RKAEDEQEEG QPVRMATFPG PGSSPARAHQ PAFLQPPEED APHSLRSDLP TSSDSKDFST SIPKQEKLLS LAGDSLFWSE ADVVQATDDF NQNRKISQGT FADVYRGHRH GKPFVFKKLR ETACSSPGSI ERFFQAE LQI CLR CCHPNVL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	IRAK2
Alternative Name:	IRAK2 ( <a href="#">IRAK2 Products</a> )
Background:	IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB.,IRAK2,IRAK-2,Signal Transduction,Kinase,Serine/threonine kinases,Immunology & Inflammation,Cytokines,Interleukins,Toll-like Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,TLR Signaling,IRAK2
Molecular Weight:	69 kDa
Gene ID:	3656
UniProt:	<a href="#">O43187</a>
Pathways:	<a href="#">TLR Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

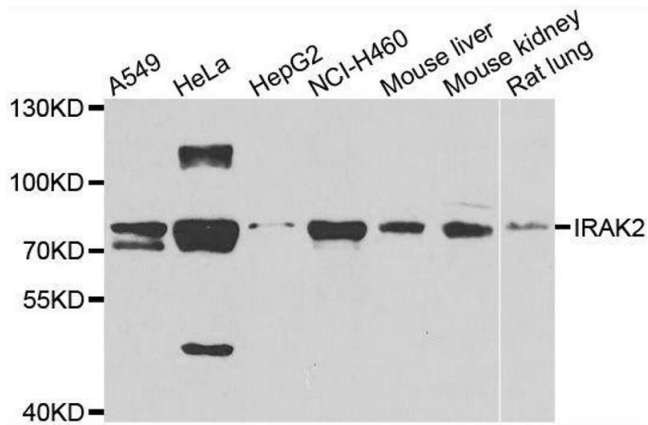
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Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

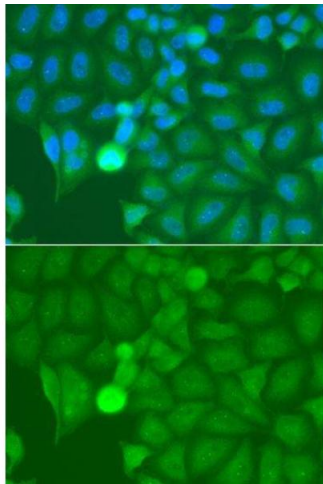
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using IRAK2 antibody.



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of A549 cells using IRAK2 antibody.