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# anti-IRAK3 antibody

3 Images



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Overview	
Quantity:	100 μL
Target:	IRAK3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRAK3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human IRAK3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to IRAK3 (interleukin-1 receptor-associated kinase 3) IRAK3 antibody [N1C1]
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	IRAK3
Alternative Name:	interleukin 1 receptor associated kinase 3 (IRAK3 Products)

## **Target Details**

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This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R immune signal transduction pathways. This protein is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling. Mutations in this gene are associated with a susceptibility to asthma. Alternate splicing results in multiple transcript variants.

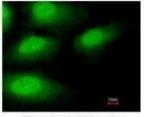
Molecular Weight:	68 kDa
Gene ID:	11213
UniProt:	Q9Y616
Pathways:	TLR Signaling, Activation of Innate immune Response, Production of Molecular Mediator of Immune Response, Toll-Like Receptors Cascades

# **Application Details**

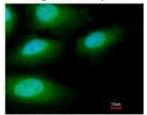
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined
	by the researcher. Not tested in other applications.
Comment:	Positive Control: DDDDK-tagged IRAK3-transfected 293T
Restrictions:	For Research Use only

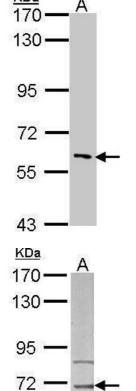
# Handling

Format:	Liquid
Concentration:	0.22 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Merged with DNA probe





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#### **Immunofluorescence**

**Image 1.** ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using IRAK3, antibody at 1:200 dilution.

#### **Western Blotting**

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: Hep G2, 7.5% SDS PAGE antibody diluted at 1:1000

## **Western Blotting**

**Image 3.** WB Image Sample (50 ug of whole cell lysate) A: mouse liver 7.5% SDS PAGE antibody diluted at 1:1000