

Datasheet for ABIN2855414

anti-IRAK2 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	IRAK2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRAK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human IRAK2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to IRAK2 (interleukin-1 receptor-associated kinase 2) IRAK2 antibody [N2C1], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	IRAK2
Alternative Name:	interleukin 1 receptor associated kinase 2 (IRAK2 Products)

Target Details

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.

Molecular Weight: 69 kDa

Gene ID: 3656

UniProt: [O43187](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [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: H1299 , HepG2 , Molt-4 , Raji

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.92 mg/mL

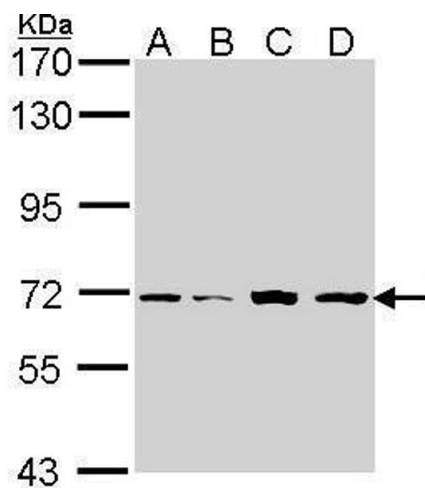
Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

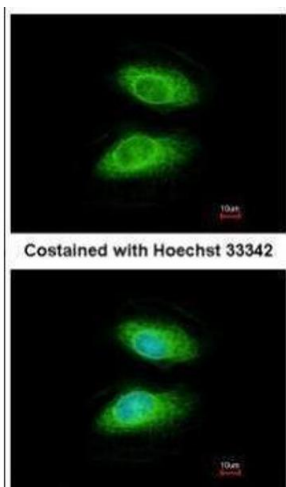
Storage: 4 °C,-20 °C

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.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: H1299 B: Hep G2 , C: Molt-4 , D: Raji 7.5% SDS PAGE antibody diluted at 1:1000



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using IRAK2, antibody at 1:200 dilution.