

Datasheet for ABIN3031491  
**anti-IRAK2 antibody (C-Term)**

## 5 Images

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## Overview

Quantity:	100 µg
Target:	IRAK2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRAK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	An amino acid sequence from the C-terminus of human IRAK2 (EAKRKLMENILLYKEEK) was used as the immunogen for this IRAK2 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity

## Target Details

Target:	IRAK2
Alternative Name:	IRAK2 ( <a href="#">IRAK2 Products</a> )
Background:	Interleukin-1 receptor-associated kinase-like 2 is an enzyme that in humans is encoded by the IRAK2 gene. This gene is mapped to 3p25.3. Interleukin-1 receptor-associated kinase 2 is one

## Target Details

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. It binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization.

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: The stated application concentrations are suggested starting points. Titration of the IRAK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,Immunocytochemistry: 0.5-1 µg/mL

Restrictions: For Research Use only

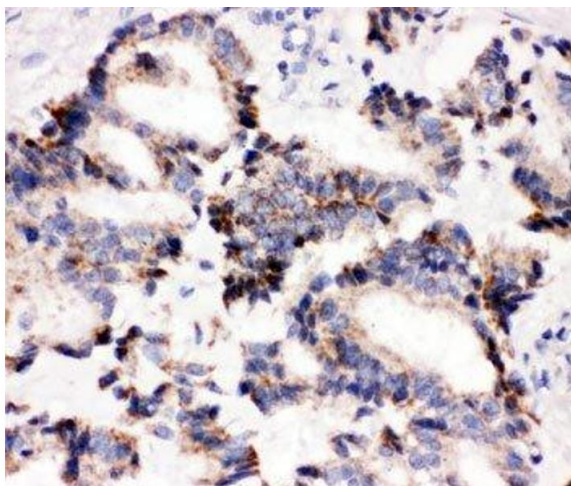
## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

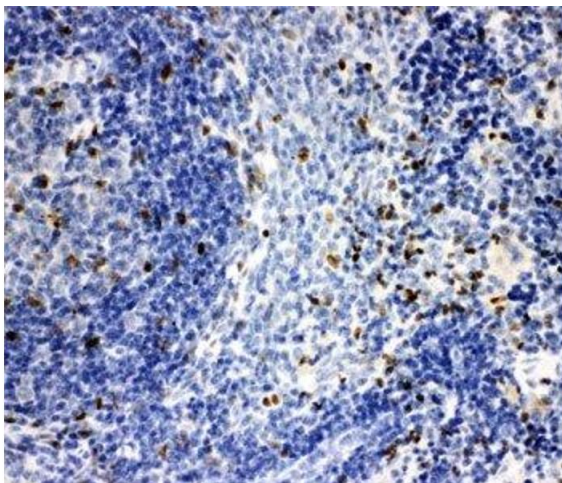
Storage Comment: After reconstitution, the IRAK2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



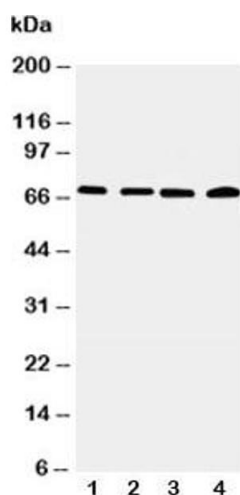
### Immunohistochemistry

**Image 1.** IHC-P: IRAK2 antibody testing of human lung cancer tissue



#### Immunohistochemistry

**Image 2.** IHC-P: IRAK2 antibody testing of rat spleen tissue



#### Western Blotting

**Image 3.** Western blot testing of IRAK2 antibody and Lane 1: 22RV; 2: A549; 3: PANC; 4: SMMC-7721 cell lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3031491.