

Datasheet for ABIN3031495
anti-IRAK3 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	IRAK3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRAK3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

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

Target Details

Target:	IRAK3
Alternative Name:	IRAKM (IRAK3 Products)
Background:	Interleukin-1 receptor-associated kinase 3, also called IRAK3 or IRAKM is an enzyme that in humans is encoded by the IRAK3 gene. The IRAKM gene consists of 12 exons spanning a region of approximately 60 kb in chromosome 12q14.3. This gene encodes a member of the

Target Details

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.

UniProt:	Q9Y616
Pathways:	TLR Signaling , Activation of Innate immune Response , Production of Molecular Mediator of Immune Response , Toll-Like Receptors Cascades

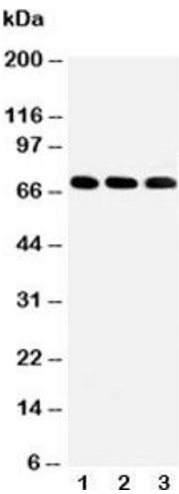
Application Details

Application Notes:	The stated application concentrations are suggested starting points. Titration of the IRAKM antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

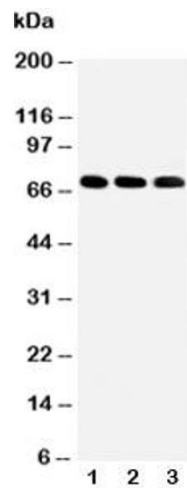
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the IRAKM antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of IRAKM antibody and Lane 1: HeLa; 2: Jurkat; 3: HUT102 cell lysate



Western Blotting

Image 2. Western blot testing of IRAKM antibody and Lane 1: HeLa