

# Datasheet for ABIN3031496

# anti-IRAK3 antibody (AA 45-77)





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IRAK3 antibody.  Isotype: Ig Fraction  Purification: Purified  Target Details  Target: IRAK3  Alternative Name: IRAK3 (IRAK3 Products)  Background: Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By	reget: IRAK3 Inding Specificity: AA 45-77 Inding Specificity: Human Inding Specificity: Human Inding Specificity: Rabbit Inding Specificity: Rebbit Inding Specificity: Polyclonal Inding Specificity: Pol			
Binding Specificity: AA 45-77  Reactivity: Human  Host: Rabbit  Clonality: Polyclonal  Conjugate: This IRAK3 antibody is un-conjugated  Application: Western Blotting (WB), ELISA  Product Details  Immunogen: A portion of amino acids 45-77 from the human protein was used as the immunogen for IRAK3 antibody.  Isotype: Ig Fraction  Purification: Purified  Target: IRAK3  Alternative Name: IRAK3 (IRAK3 Products)  Background: Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By	Inding Specificity: AA 45-77  Bactivity: Human  Babbit  Babbit  Babbit  Babbit  Barding Specificity: Polyclonal  Babbit  Babbit  Babbit  Babbit  Babbit  BakK3 antibody is un-conjugated  BakK3 antibody is un-conjugated  Babbit  Babbit  BakK3 antibody is un-conjugated  Babbit  BakK3 antibody is un-conjugated  Babbit  Babbit  Babbit  Babbit  Babbit  Babbit  Babbit  BakK3 antibody is un-conjugated  Babbit  Babbit  Babbit  Babbit  BakK3 antibody is un-conjugated  Babbit  B	Quantity:	0.4 mL	
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		Alternative Name.	IRAK3 (IRAK3 Products)	

regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The tyrosine-like kinase (TLK) group consists of 40 tyrosine and serine-threonine kinases such as MLK (mixed-lineage kinase), LISK (LIMK/TESK), IRAK (interleukin-1 receptor-associated kinase), Raf, RIPK (receptor-interacting protein kinase), and STRK (activin and TGF-beta receptors) families.

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:	Titration of the IRAK3 antibody may be required due to differences in protocols and	
	secondary/substrate sensitivity.\. Western blot: 1:1000	
Restrictions:	For Research Use only	

## Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
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:	Aliquot the IRAK3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.





### **Western Blotting**

**Image 1.** Western blot analysis of IRAK3 antibody and HL-60 cell lysate.

#### **Western Blotting**

**Image 2.** Western blot analysis of IRAK3 antibody and HL-60 cell lysate.