

Datasheet for ABIN308416
anti-IRAK3 antibody (Internal Region)

3 Images

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Overview

Quantity:	100 µg
Target:	IRAK3
Binding Specificity:	Internal Region
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IRAK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	IRAK3 (mouse)
Immunogen:	Peptide with sequence C-GHSYGSKPMEKR, from the internal region (near the C Terminus) of the protein sequence according to NP_082955.2.
Sequence:	GHSYGSKPME KR
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

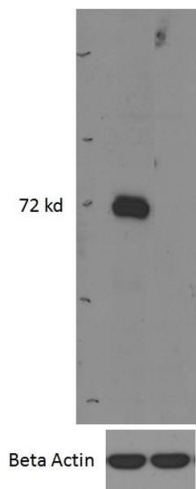
Target:	IRAK3
Alternative Name:	IRAK3 (IRAK3 Products)
Background:	IRAK3, interleukin-1 receptor-associated kinase 3, ASRT5, IRAK-M, IRAKM, interleukin-1 receptor-associated kinase M
Gene ID:	73914, 314870
NCBI Accession:	NP_082955
Pathways:	TLR Signaling , Activation of Innate immune Response , Production of Molecular Mediator of Immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Western Blot: Approx 65-70 kDa band observed in Rat Liver lysates, and in preliminary testing of Rat Adrenal Gland lysate (calculated MW of 69.0 kDa according to Rat, NP_001101571.1 and 67.8 kDa according to Mouse NP_082955.2). Recommended concentration: 0. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

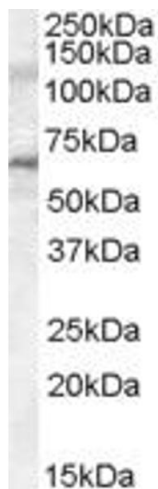
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



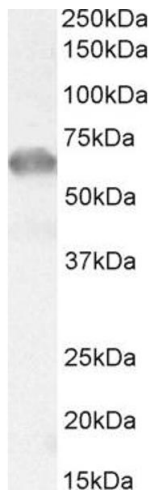
Western Blotting

Image 1. (ABIN308416) (0.5 µg/mL) staining of Mouse Bone Marrow (wildtype first lane, KO second lane) lysates (35 µg protein in RIPA buffer). Primary incubation was overnight at 4C Detected with chemiluminescence. Data obtained from anonymous customer.



Western Blotting

Image 2. ABIN308416 (0.05µg/ml) staining of Rat Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected with chemiluminescence.



Western Blotting

Image 3. (ABIN308416) (0.1 µg/mL) staining of Rat Liver lysate (35 µg protein in RIPA buffer). Detected with chemiluminescence.