Datasheet for ABIN7268009

anti-IRAK2 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	IRAK2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This IRAK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	IRAK2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human IRAK2
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	IRAK2
Alternative Name:	IRAK2 (IRAK2 Products)
Background:	IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative

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Target Details

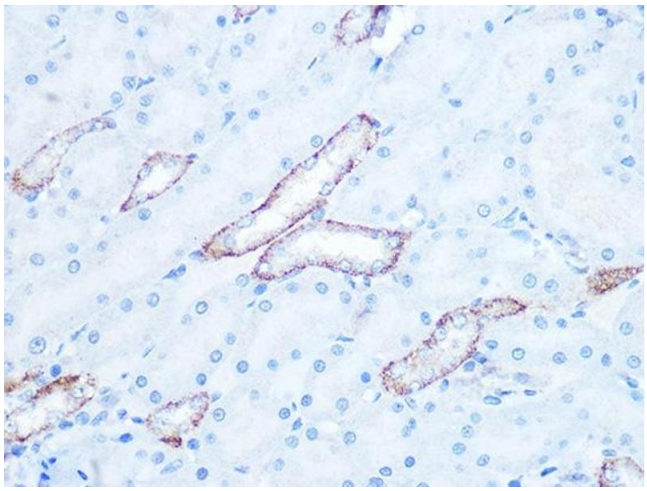
	serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. [provided by RefSeq, Jul 2008],IRAK-2,Cell Intrinsic Innate Immunity Signaling Pathway,Cytokines,Cytokines_Interleukins,Immunology & Inflammation,Innate Immunity_TLR Signaling,Kinase,Kinase_Serine/threonine kinases,Signal Transduction,Toll-like Receptor Signaling Pathway,IRAK2
Molecular Weight:	69kDa
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 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

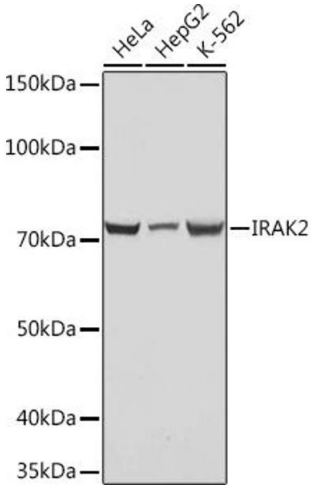
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat kidney using IR Rabbit mAb (ABIN7268009) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using IR Rabbit mAb (ABIN7268009) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

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