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Datasheet for ABIN7433738
anti-IRAK4 antibody (AA 189-427)

6 Images

Overview

Quantity:	100 µL
Target:	IRAK4
Binding Specificity:	AA 189-427
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRAK4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Interleukin 1 Receptor Associated Kinase 4 (IRAK4)
Immunogen:	Recombinant Interleukin 1 Receptor Associated Kinase 4 (IRAK4) corresponding to Gly189~Glu427 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IRAK4. It has been selected for its ability to recognize IRAK4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

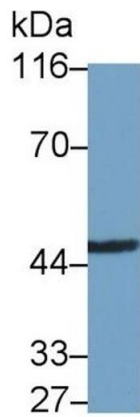
Target:	IRAK4
Alternative Name:	Interleukin 1 Receptor Associated Kinase 4 (IRAK4 Products)
Background:	NY-REN-64
Pathways:	NF-kappaB Signaling , TLR Signaling , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

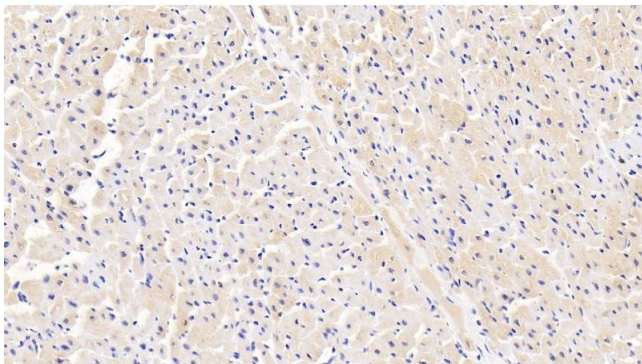
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



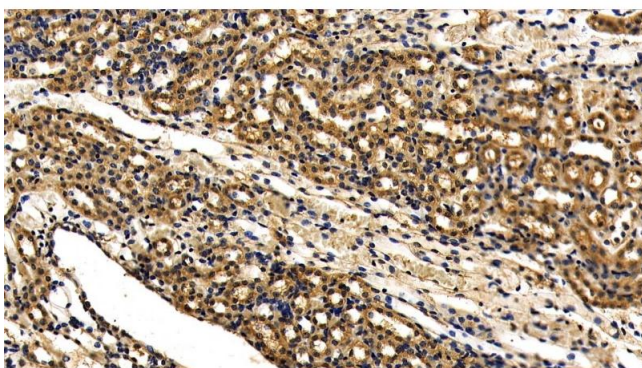
Western Blotting

Image 1. Detection of IRAK4 in Rat Cerebrum lysate using Polyclonal Antibody to Interleukin 1 Receptor Associated Kinase 4 (IRAK4)



Immunohistochemistry

Image 2. Detection of IRAK4 in Human Cardiac Muscle Tissue using Polyclonal Antibody to Interleukin 1 Receptor Associated Kinase 4 (IRAK4)



Immunohistochemistry

Image 3. Detection of IRAK4 in Mouse Kidney Tissue using Polyclonal Antibody to Interleukin 1 Receptor Associated Kinase 4 (IRAK4)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7433738.