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# Datasheet for ABIN7430732 anti-IL-18 antibody (AA 32-192)

3 Images



## Overview

Quantity:	100 µL
Target:	IL-18 (IL18)
Binding Specificity:	AA 32-192
Reactivity:	Rabbit
Host:	Guinea Pig
Clonality:	Polyclonal
Conjugate:	This IL-18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

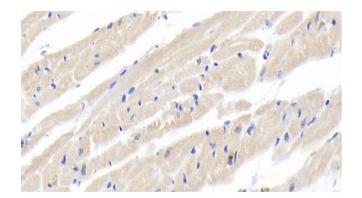
# Product Details

Purpose:	Polyclonal Antibody to Interleukin 18 (IL18)
Immunogen:	Recombinant Interleukin 18 (IL18) corresdonding to Leu32~Asn192 (Accession # B1A3U4)
lsotype:	IgG
Specificity:	The antibody is a cavia polyclonal antibody raised against IL18. It has been selected for its ability to recognize IL18 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Target Details	
Target:	IL-18 (IL18)

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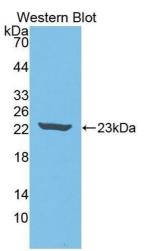
Target Details	
Alternative Name:	Interleukin 18 (IL18 Products)
Background:	IGIF, IL-1g, IL1F4, IL1-F4, Interferon-Gamma-Inducing Factor, Interleukin-1 Family Member 4, Iboctadekin, Interleukin-1 Gamma
Pathways:	Cellular Response to Molecule of Bacterial Origin, Activated T Cell Proliferation, Cancer Immune Checkpoints, Inflammasome
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 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:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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

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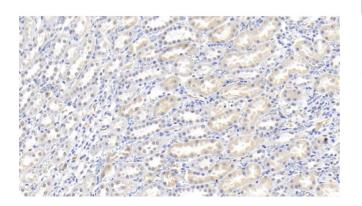
## Immunohistochemistry

**Image 1.** Detection of IL18 in Rabbit Cardiac Muscle Tissue using Polyclonal Antibody to Interleukin 18 (IL18)



#### Western Blotting

**Image 2.** Detection of Recombinant IL18, Rabbit using Polyclonal Antibody to Interleukin 18 (IL18)



#### Immunohistochemistry

**Image 3.** Detection of IL18 in Rabbit Kidney Tissue using Polyclonal Antibody to Interleukin 18 (IL18)

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