

Datasheet for ABIN7443710
anti-NLRP3 antibody (AA 671-1033)



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8 Images

Overview

Quantity:	100 µL
Target:	NLRP3
Binding Specificity:	AA 671-1033
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to NLR Family, Pyrin Domain Containing Protein 3 (NLRP3)
Immunogen:	Recombinant NLR Family, Pyrin Domain Containing Protein 3 (NLRP3) corresponding to Cys671~Trp1033 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NLRP3. It has been selected for its ability to recognize NLRP3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

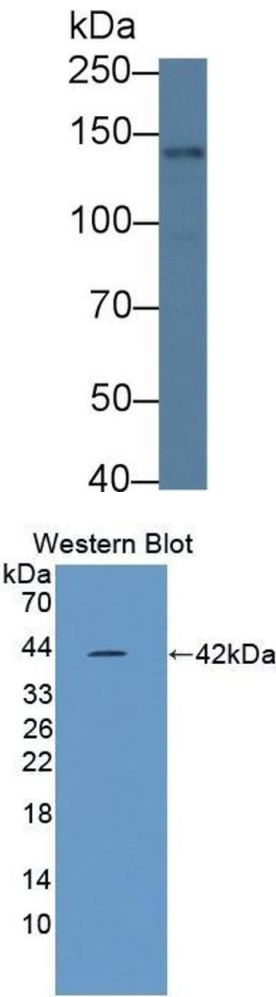
Target:	NLRP3
Alternative Name:	NLR Family, Pyrin Domain Containing Protein 3 (NLRP3 Products)
Background:	AVP, AGTAVPRL, AII, AII/AVP, C1orf7, CIAS1, CLR1.1, FCAS, FCU, MWS, NALP3, PYPAF1, Cryopyrin, Cold Induced Autoinflammatory Syndrome 1, Caterpillar-Like Receptor 1.1
Pathways:	Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Endopeptidase Activity , Inflammasome

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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

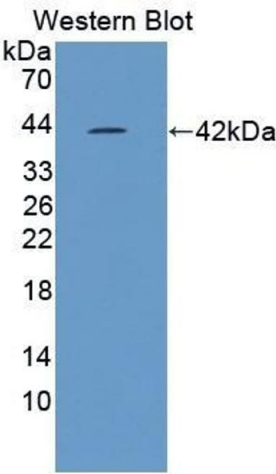
Handling

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



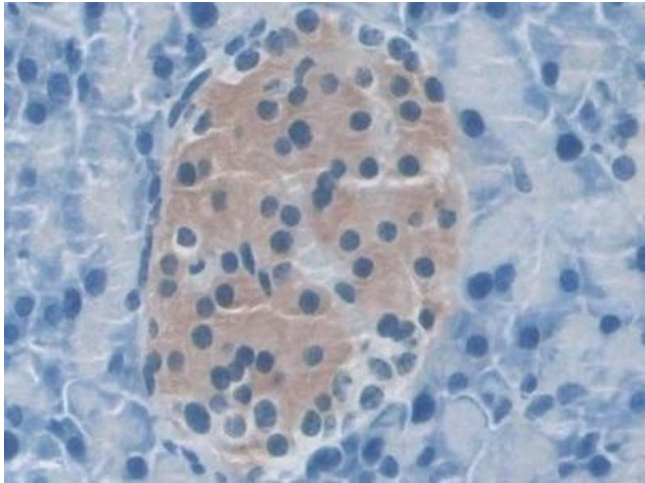
Western Blotting

Image 1. Detection of NLRP3 in Human K562 cell lysate using Polyclonal Antibody to NLR Family, Pyrin Domain Containing Protein 3 (NLRP3)



Western Blotting

Image 2. Detection of Recombinant NLRP3, Mouse using Polyclonal Antibody to NLR Family, Pyrin Domain Containing Protein 3 (NLRP3)



Immunohistochemistry

Image 3. Detection of NLRP3 in Mouse Pancreas Tissue using Polyclonal Antibody to NLR Family, Pyrin Domain Containing Protein 3 (NLRP3)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7443710.