

Datasheet for ABIN657935
anti-NLRP12 antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	NLRP12
Binding Specificity:	AA 183-212, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NLRP12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 183-212 amino acids from the N-terminal region of human NLRP12.
Clone:	RB33963
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NLRP12
Alternative Name:	NLRP12 (NLRP12 Products)
Background:	This gene encodes a member of the CATERPILLER family of cytoplasmic proteins. The

Target Details

encoded protein, which contains an N-terminal pyrin domain, a NACHT domain, a NACHT-associated domain, and a C-terminus leucine-rich repeat region, functions as an attenuating factor of inflammation by suppressing inflammatory responses in activated monocytes. Alternatively spliced transcript variants encoding distinct isoforms have been described but the full-length nature of some of these has not been determined.

Molecular Weight: 120173

Gene ID: 91662

NCBI Accession: [NP_001264055](#), [NP_001264058](#), [NP_653288](#)

UniProt: [P59046](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#), [Inflammasome](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

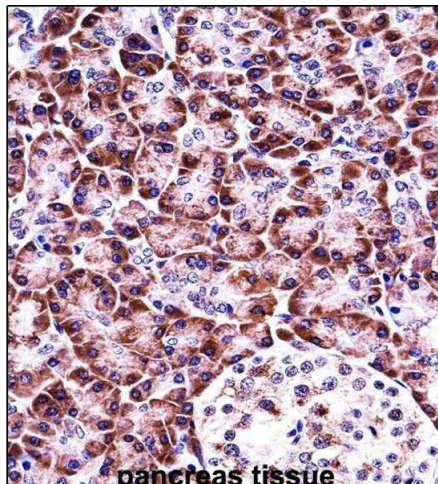
Storage Comment: NLRP12 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months

Publications

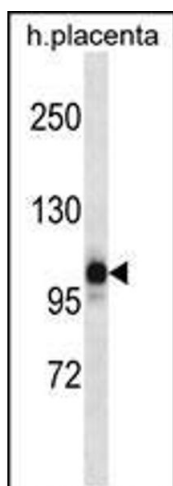
Product cited in: Zhou, Wang, Yuan, Zhou, Liu, Wan, Zhang, Ding, Wang, Xiong, Wang, Yuan, Li, Zhang: "Mixed lineage leukemia 5 (MLL5) protein regulates cell cycle progression and E2F1-responsive gene expression via association with host cell factor-1 (HCF-1)." in: **The Journal of biological**

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. NLRP12 Antibody (N-term) ((ABIN657935 and ABIN2846879))immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NLRP12 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. NLRP12 Antibody (N-term) (ABIN657935 and ABIN2846879) western blot analysis in human placenta tissue lysates (35 µg/lane).This demonstrates the NLRP12 antibody detected the NLRP12 protein (arrow).