

Datasheet for ABIN2787916
anti-NLRP5 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	NLRP5
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NLRP5
Sequence:	LAWATSISIF ENMNLRTLSE KARDDMKRHS PEDPEATMTD QGPSKEKVP
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against NLRP5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NLRP5
Alternative Name:	NLRP5 (NLRP5 Products)
Background:	The protein encoded by this gene belongs to the NALP protein family. Members of the NALP

Target Details

protein family typically contain a NACHT domain, a NACHT-associated domain (NAD), a C-terminal leucine-rich repeat (LRR) region, and an N-terminal pyrin domain (PYD). Expression of this gene is restricted to the oocyte. A mouse gene that encodes a maternal oocyte protein, similar to this encoded protein, is required for normal early embryogenesis.

Alias Symbols: CLR19.8, MATER, NALP5, PAN11, PYPAF8

Protein Interaction Partner: UBC,

Protein Size: 1200

Molecular Weight: 134 kDa

Gene ID: 126206

NCBI Accession: [NM_153447](#), [NP_703148](#)

UniProt: [P59047](#)

Pathways: [Inflammasome](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 1200 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

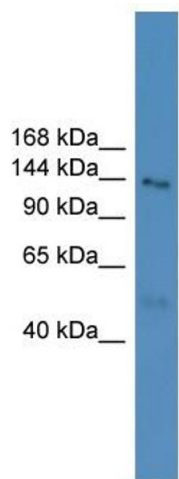
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

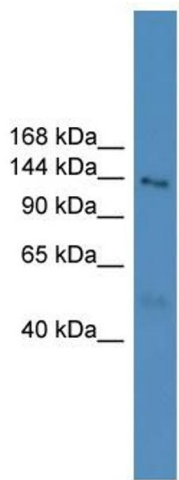


Western Blotting

Image 1. WB Suggested Anti-NLRP5 Antibody Titration:
0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Lung



Rabbit Anti-NLRP5 Antibody
Catalog Number: ARP59021
Lot Number: QC30576
Lane: Fetal Lung Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 6-18%

Western Blotting

Image 2. WB Suggested Anti-NLRP5
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500
Positive Control: Human Lung