



[Go to Product page](#)

Datasheet for ABIN783711

anti-NLRP7 antibody (N-Term)

1 Image

Overview

Quantity:	0.1 mg
Target:	NLRP7
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NLRP7 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid peptide near the amino terminus of human NALP7
Specificity:	This antibody detects NLRP7 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	NLRP7
Alternative Name:	NLRP7 (NLRP7 Products)
Background:	NOD proteins include the apoptosis regulator APAF1 (apoptotic protease activating factor 1) and mammalian NOD-LRR proteins. NALP7, also known as PYPAF3, a member of the related

Target Details

PYRIN-containing APAF1-like proteins (PYPAFs/NALPs) is thought to play a crucial role in cell proliferation. NALP7 has a C-terminal leucine-rich repeat (LRR) region, an N-terminal Pyrin domain (PYD) followed by a NACHT domain, and a NACHT-associated domain. It is expressed in numerous tissues including uterus and ovary, with low levels in heart and brain. NALP7 inhibits caspase-1-dependent interleukin-1beta secretion and is a feedback regulator of interleukin-1beta secretion. Defects in the NALP7 gene are known to cause the formation of a hydatidiform mole (HYDM) and reduce the growth of carcinoma cell lines. Synonyms: LRR and PYD domains-containing protein 7, NALP7, NOD12, Nucleotide-binding oligomerization domain protein 12, PYPAF3, PYRIN-containing APAF1-like protein 3

Gene ID: 199713

NCBI Accession: [NP_001120727](#)

UniProt: [Q8WX94](#)

Pathways: [Inflammasome](#)

Application Details

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

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

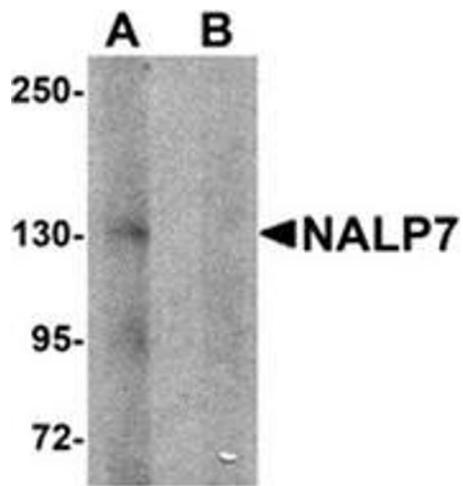
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of NALP7 in human brain tissue lysate with NALP7 antibody at 1 $\mu\text{g/ml}$ in (A) the absence and (B) the presence of blocking peptide.