
NALP7 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254347

Unit: 0.1 mg

Description:

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 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-1 β secretion and is a feedback regulator of interleukin-1 β 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.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: NALP7; NLR family pyrin domain containing 7; NLRP7; PYRIN-containing APAF1-like protein 3; PYPAF3; NOD12; CLR19.4; PAN7; HYDM

Accession No.: NP_631915

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human NALP7.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.