

Goat anti-Nalp10 / Nlrp10 (mouse) Antibody

Peptide-affinity purified goat antibody

Catalog # AF4341a

Product Information

Application	IF, FC, Pep-ELISA
Primary Accession	Q8CCN1
Other Accession	NP_780741.1
Reactivity	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Clone Names	Nlrp10
Calculated MW	76367

Additional Information

Gene ID	244202
Other Names	Nlrp10; NLR family, pyrin domain containing 10; 6430548I20Rik; Nalp10; Napl10; PAN5; Pynod; NACHT, LRR and PYD containing protein 10; NACHT, LRR and PYD domains-containing protein 10; NACHT, leucine rich repeat and PYD containing 10; NACHT/LRR/pyrin domai
Dilution	IF~~1:50~200 FC~~1:10~50 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-Nalp10 / Nlrp10 (mouse) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Nlrp10
Synonyms	Nalp10, Pynod
Function	Inhibits autoprocessing of CASP1, CASP1-dependent IL1B secretion, PYCARD aggregation and PYCARD-mediated apoptosis but not apoptosis induced by FAS or BID (By similarity). Displays anti- inflammatory activity (By similarity). Required for immunity against C.albicans infection (PubMed: 23071280). Involved in the innate immune response by contributing to pro-inflammatory

cytokine release in response to invasive bacterial infection (By similarity).
Contributes to T-cell-mediated inflammatory responses in the skin
(PubMed:[27221772](#)). Plays a role in protection against periodontitis through
its involvement in induction of IL1A via ERK activation in oral epithelial cells
infected with periodontal pathogens (By similarity). Exhibits both ATPase and
GTPase activities (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q86W26}. Cell membrane
{ECO:0000250|UniProtKB:Q86W26}; Peripheral membrane protein.
Note=Cytoplasmic protein which is recruited to the cell membrane by NOD1
following invasive bacterial infection {ECO:0000250|UniProtKB:Q86W26}

Tissue Location

Expressed in skin, tongue, heart, colon and several cell lines of hematopoietic
and myocytic origin but not in kidney, skeletal muscle, spleen, liver, lung,
thymus, brain or small intestine (at protein level).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.