

Goat anti-Nalp10 / Nlrp10 (mouse) Antibody
Peptide-affinity purified goat antibody
Catalog # AF4341a

Specification

Goat anti-Nalp10 / Nlrp10 (mouse) Antibody - Product Information

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

Goat anti-Nalp10 / Nlrp10 (mouse) Antibody - Additional Information

Gene ID 244202

Other Names

Nlrp10; NLR family, pyrin domain containing 10; 6430548I20Rik; Nalp10; Nap10; 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.

Goat anti-Nalp10 / Nlrp10 (mouse) Antibody - 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).

Goat anti-Nalp10 / Nlrp10 (mouse) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat anti-Nalp10 / Nlrp10 (mouse) Antibody - Images