

PACO57260

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## Product Information

**Size:**

50ug

**Reactivity:**

Human, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC, IF

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:5000,  
IHC:1:200-1:500, IF:1:50-1:200

**Protein Background:**

Inhibits autoprocessing of CASP1, CASP1-dependent IL1B secretion, PYCARD aggregation and PYCARD-mediated apoptosis but not apoptosis induced by FAS or BID. Displays anti-inflammatory activity. Plays a role in adaptive immunity through control of dendritic cell-mediated transport of antigen to the lymph nodes from peripheral sites. Required for immunity against *C. albicans* infection. Involved in the innate immune response by contributing to proinflammatory cytokine release in response to invasive bacterial infection.

**Gene ID:**

NLRP10

**Uniprot**

Q86W26

**Synonyms:**

NACHT, LRR and PYD domains-containing protein 10 (Nucleotide-binding oligomerization domain protein 8), NLRP10, NALP10 NOD8 PYNOD

**Immunogen:**

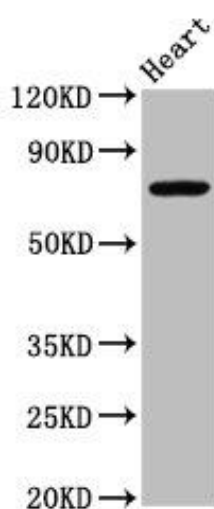
Recombinant Human NACHT, LRR and PYD domains-containing protein 10 protein (589-655AA).

**Storage:**

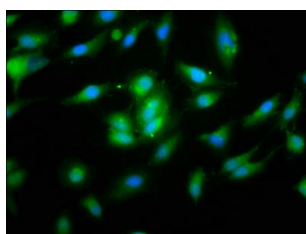
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

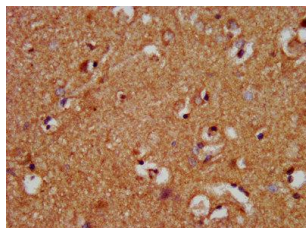
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Western Blot. Positive WB detected in: Rat heart tissue. All lanes: NLRP10 antibody at 4.9 $\mu$ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 76 kDa. Observed band size: 76 kDa.



Immunofluorescence staining of HeLa cells with PACO57260 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC image of PACO57260 diluted at 1:400 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.