

# Anti-NLRP10 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P102829

## Product Information

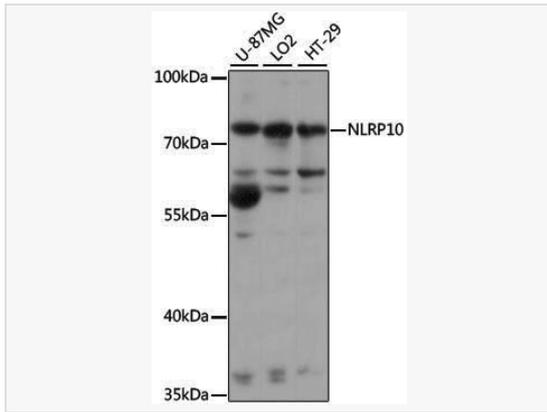
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|-------------|---|
| Application | WB, ELISA   |
| Reactivity  | Human, Mouse, Rat   |
| Dilution    | WB 1:500~1:2,000  |
| Host        | Rabbit  |
| Clonality   | Polyclonal  |
| Isotype     | IgG   |
| Label       | Unconjugated  |
| Immunogen   | Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human NLRP10 (NP_789791.1).          |
| Format      | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.                     |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-NLRP10 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.                    |

## Protein Information

|               |  |
|---------------|--|
| Synonyms      | NOD8; PAN5; PYNOD; NALP10; CLR11.1; NLRP10.  |
| Calculated MW | Calculated MW: 75 kDa; Observed MW: 75 kDa   |
| Uniprot ID    | Q86W26   |
| Gene ID       | 338322   |
| Background    | Members of the NALP protein family typically contain a NACHT domain, a NACHT-associated domain (NAD), a C-terminal leucine-rich repeat (LRR) region, and an N-terminal pyrin domain (PYD). The protein encoded by this gene belongs to the NALP protein family despite lacking the LRR region. This protein likely plays a regulatory role in the innate immune system. The protein belongs to the signal-induced multiprotein complex, the inflammasome, that activates the pro-inflammatory caspases, caspase-1 and caspase-5. Other experiments indicate that this gene acts as a multifunctional negative regulator of inflammation and apoptosis. |

## Validation Images

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Western blot analysis of various lysates using NLRP10 Rabbit pAb (P102829) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 10s.