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(818)-707-0392 (Fax)
order@abiocode.com
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NLRP6 (N) Antibody, Rabbit Polyclonal

Cat#: R3097-1

Quantity: 100 ul

Predicted | Observed M.W.: 99 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q91WS2

Background:

NACHT, LRR and PYD domains-containing protein 6 (NLRP6) belongs to the NLRP family and may contribute to arginine-vasopressin (AVP)-mediated regulation of renal salt-water balance, glucose and lipid metabolism, apoptosis, and/or cell cycle. NLRP6 binds arginine-vasopressin but not angiotensin II and acts as an arginine-vasopressin V2 receptor. Additionally, NLRP6 plays a role in modulating inflammatory responses in the colon to allow recovery from intestinal epithelial damage and limit tumorigenic potential.

Other Names:

NACHT, LRR and PYD domains-containing protein 6, Angiotensin II/vasopressin receptor
PYRIN-containing APAF1-like protein 5, NALP6, PYPAF5

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse NLRP6. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

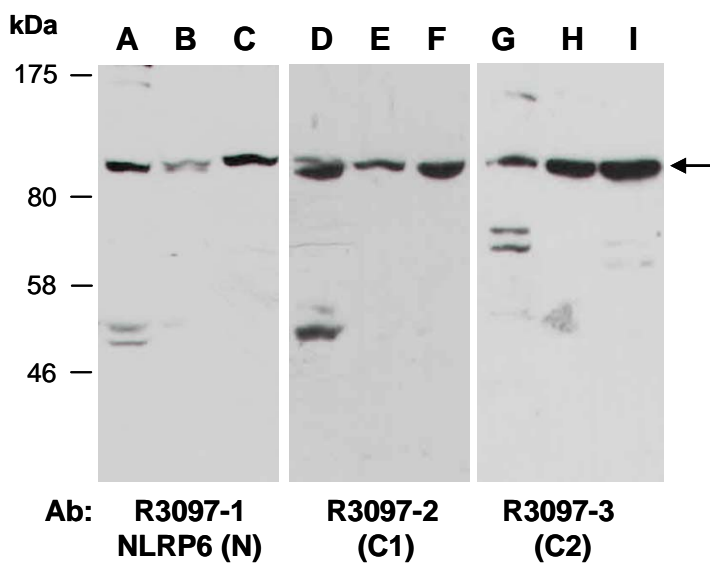


Fig 1. Western blot of total cell extracts from A, D, G) mouse thymus, B, E, H) human HeLa, C, F, I) human Jurkat; using 3 independent Abs against 3 distinct regions of mouse NLRP6 at RT for 2 h.