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UNC13D (N) Antibody, Rabbit Polyclonal

Cat#: R2968-1

Quantity: 100 ul

Predicted | Observed M.W.: 123 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: B2RUP2

Background:

Protein unc-13 homolog D (UNC13D) is a peripheral membrane protein belonging to the unc-13 family. UNC13D plays a role in cytotoxic granule exocytosis in lymphocytes. UNC13D is required for both granule maturation and granule docking and priming at the immunologic synapse. Furthermore, UNC13D regulates assembly of recycling and late endosomal structures, leading to the formation of an endosomal exocytic compartment that fuses with perforin-containing granules at the immunologic synapse and licenses them for exocytosis.

Other Names:

Protein unc-13 homolog D, Munc13-4

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse UNC13D. 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:

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:

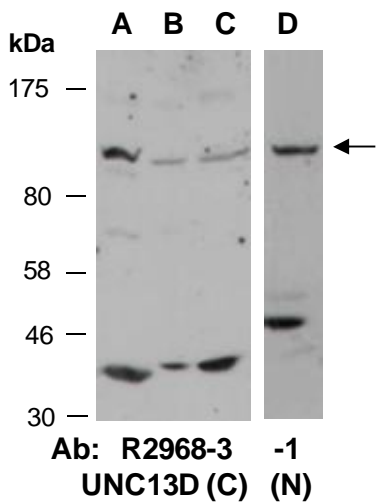


Fig 1. Western blot of total cell extracts from A, D) mouse thymus, B) human HeLa, C) human Jurkat; using 2 independent Abs against 2 distinct regions of mouse UNC13D at RT for 2 h.