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STX17 (M) Antibody, Rabbit Polyclonal

Cat#: R3114-2

Quantity: 100 ul

Predicted | Observed M.W.: 33 | 40 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9D0I4

Background:

Syntaxin-17 (STX17) is a multi-pass membrane protein belonging to the syntaxin family. STX17 is a SNARE of the autophagosome involved in autophagy through the direct control of autophagosome membrane fusion with the lysosome membrane. STX17 may also play a role in the early secretory pathway where it may maintain the architecture of the endoplasmic reticulum-Golgi intermediate compartment/ERGIC and Golgi and/or regulate transport between the endoplasmic reticulum, the ERGIC and the Golgi.

Other Names:

Syntaxin-17

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of mouse STX17. 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: 1:500-1:3,000 (detect endogenous protein*)

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

Product Data:

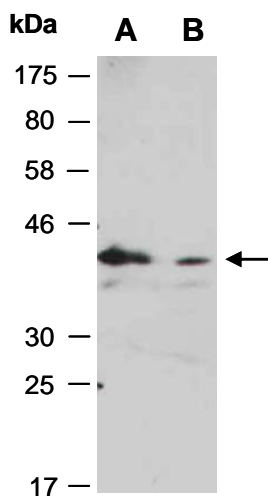


Fig 1. Western blot of total cell extracts from A) mouse brain, B) mouse thymus, using anti-STX17 (M) (R3114-2) at RT for 2 h.