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WASL (C) Antibody, Rabbit Polyclonal

Cat#: R1825-2

Quantity: 100 ul

Predicted | Observed M.W.: 55 | 58 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: O00401

Background:

The Wiskott-Aldrich syndrome (WAS) family of proteins share similar domain structure, and are involved in transduction of signals from receptors on the cell surface to the actin cytoskeleton. The presence of several different motifs suggests that they are regulated by a number of stimuli, and interact with multiple proteins. Recent studies have demonstrated that these proteins, directly or indirectly, associate with the small GTPase, Cdc42, known to regulate formation of actin filaments, and the cytoskeletal organizing complex, Arp2/3. The WASL gene product is a homolog of WAS protein, and it is ubiquitously expressed. WASL has been shown to bind Cdc42 directly, and induce formation of long actin microspikes.

Other Names:

Neural Wiskott-Aldrich syndrome protein, N-WASP

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human WASL. 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:

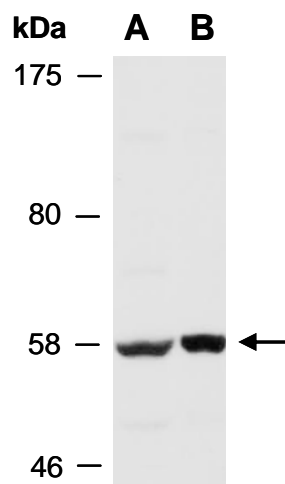


Fig 1. Western blot of total cell extracts from (A) mouse brain, (B) mouse thymus; using anti-WASL (C) (R1825-2) at RT for 2 h.