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## LIMS1 (C1) Antibody, Rabbit Polyclonal

**Cat#:** R1921-1

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 37 | 42 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** P48059

### Background:

LIM and senescent cell antigen-like-containing domain protein 1 (LIMS1) is an adaptor protein which contains five LIM domains, or double zinc fingers. LIMS1 is likely involved in integrin signaling through its LIM domain-mediated interaction with integrin-linked kinase, found in focal adhesion plaques. It is also thought to act as a bridge linking integrin-linked kinase to NCK adaptor protein 2, which is involved in growth factor receptor kinase signaling pathways. Its localization to the periphery of spreading cells also suggests that LIMS1 may play a role in integrin-mediated cell adhesion or spreading. Several transcript variants encoding different isoforms have been found for this gene [provided by RefSeq].

### Other Names:

LIM and senescent cell antigen-like-containing domain protein 1, Particularly interesting new Cys-His protein 1, PINCH-1, Renal carcinoma antigen NY-REN-48, PINCH, PINCH1

### Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human LIMS1. 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% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### Species Specificity:

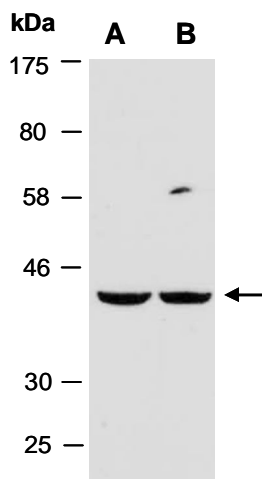
Human

### 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) human Jurkat, (B) human HeLa; using *anti-LIMS1 (C1) (R1921-1)* at RT for 2 h.