

## LCP1 Antibody

**CAB5561**

### Description

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This LCP1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:**

CAB5561

**Contents:**

20  $\mu$ L, 100  $\mu$ L

Bradford Reagent: 1 vial (2ml)

**Category:**

Polyclonal Antibody

**Synonyms:**

LPL, CP64, PLS2, LC64P, HEL-S-37, L-PLASTIN, L-Plastin/LCP1

**Clone:**

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**Applications:**

**WB** **IP** **ELISA**

**Conjugation:**

Unconjugated

**Reactivity:**

Human, Mouse

### Antibody Data

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**Gene ID:** 3936

**Uniprot:** AB\_2766341

**Host Species:** Rabbit

**Purification:** Affinity purification

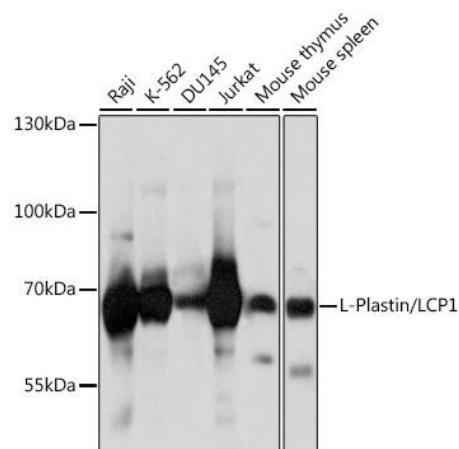
**Observed MW:** 70kDa

**Calculated MW:** 70kDa

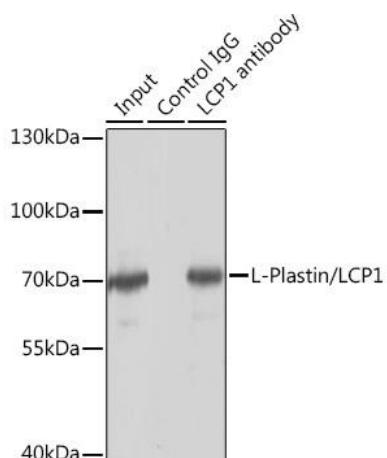
## Preparation & Storage

<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. Store Bradford Reagent at Room Temperature for 1 Year.						
<b>Positive Sample:</b>	Raji, K-562, DU145, Jurkat, Mouse thymus, Mouse spleen						
<b>Recommended Dilutions:</b>	<table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:2000</td></tr> <tr> <td><b>IP</b></td><td>0.5µg-4µg antibody for 200µg-400µg extracts of whole cells</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	<b>WB</b>	1:500 - 1:2000	<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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<b>Protein Quantification (Optional):</b>	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol						

## Validation Data



Western blot analysis of various lysates using L-Plastin/ Rabbit pAb (CAB5561) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5s.



Immunoprecipitation analysis of 150 µg extracts of Jurkat cells using 3 µg L-Plastin/ antibody (CAB5561). Western blot was performed from the immunoprecipitate using L-Plastin/ antibody (CAB5561) at a dilution of 1:1000.