

LCP1 Rabbit Polyclonal Antibody



CAB5561

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

70kDa

Calculated MW:

21kDa/70kDa

Applications:

WB IP

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IP 1:20 - 1:50

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). However, L-plastin has been found in many types of malignant human cells of non-hemopoietic origin suggesting that its expression is induced accompanying tumorigenesis in solid tissues.

Immunogen information

Gene ID:

3936

Uniprot

P13796

Synonyms:

LCP1; CP64; HEL-S-37; L-PLASTIN; LC64P; LPL; PLS2; plastin-2

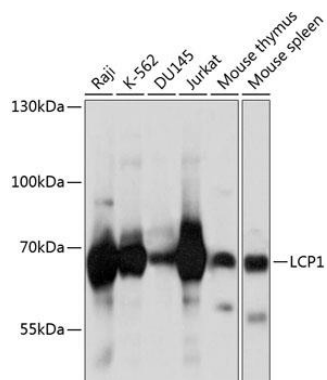
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human LCP1 (NP_002289.2).

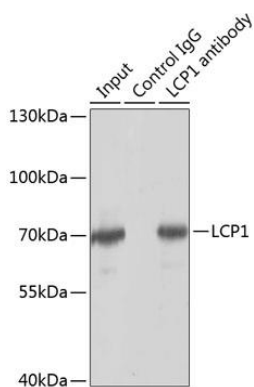
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using LCP1 antibody (CAB5561) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.



Immunoprecipitation analysis of 150ug extracts of Jurkat cells using 3ug LCP1 antibody (CAB5561). Western blot was performed from the immunoprecipitate using LCP1 antibody (CAB5561) at a dilution of 1:1000.