

AbboMax, Inc

Innovation at Work

Rabbit anti-L-Plastin/LCP1 Polyclonal Antibody

Synonym: Lymphocyte cytosolic protein-1 (LCP1); L-plastin; LC64P; CP64; Plastin 2 (PLS2)

Order Information

Description: Rabbit anti-L-Plastin
Catalogue#: 600-760
Lot#: See the label
Size: 100 ug/200 ul
Host: Rabbit
Clone: N/A
Application: ELISA, WB,
Reactivity: Hu, Rt, Ms

ANTIGEN PREPARATION

A synthetic peptide corresponding to the C-terminus of human L-plastin protein. This sequence is identical to rat, mouse and human origins.

BACKGROUND

L-plastin is a protein normally found in leukocytes (white blood cells) only. In these cells L-plastin regulates cell movement by interacting with actins, a major cellular protein that directly controls cell movement. Normal breast epithelial cells do not have L-plastin. It only presents in breast carcinoma cells. Furthermore, the amount of L-plastin contained in the cells correlates with the degree of invasiveness of these cells. Therefore, it appears that L-plastin may be important for the motility of breast cancer cells.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification.

SPECIFICITY

This antibody recognizes ~70 kDa of L-plastin protein. It also reacts with human, mouse and rat. The other species are not tested.

FORMULATION

This affinity purified antibody is supplied in sterile phosphate-buffered saline (pH7.2) containing antibody stabilizer

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

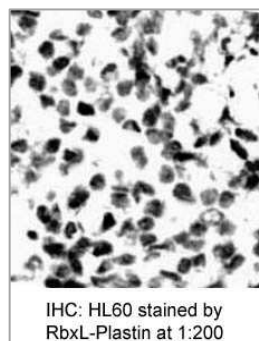
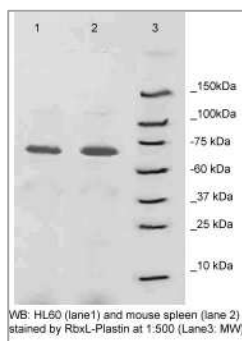
APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	0.1-1 µg/ml
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	2-5 µg/ml
IHC	0.5-2 µg/ml
Flow cytometry	Not tested

MOLECULAR WEIGHT:	~70 kDa
POSITIVE CONTROL:	HL60 cells
CELLULAR LOCATION:	Cytoplasmic

Optimal dilutions should be determined by researchers for the specific applications.

DATA ATTACHMENTS



REFERENCES

Foran, E., et al, The leukocyte protein L-plastin induces proliferation, invasion and loss of E-cadherin expression in colon cancer cells. Int. J. Cancer 118 (8), 2098-2104 (2006)

FOR RESEARCH USE ONLY.

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