

Product datasheet for **TA354533**

Plastin L (LCP1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to the C-terminus of human L-plastin protein. This sequence is identical to rat, mouse and human origins.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	~70 kDa
Gene Name:	lymphocyte cytosolic protein 1
Database Link:	NP_002289 Entrez Gene 18826 Mouse Entrez Gene 306071 Rat Entrez Gene 3936 Human P13796
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.
Synonyms:	CP64; HEL-S-37; L-PLASTIN; LC64P; LPL; PLS2



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