

L-plastin (Phospho Tyr28) Rabbit pAb

CatalogNo: YP1384

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA, IHC

MW

- 68kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

ELISA 1:2000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized phospho peptide around human LCP1 (Tyr28)

Specificity This antibody detects endogenous levels of Human LCP1 (phospho-Tyr28)

Target Information

Gene name LCP1 PLS2

Protein Name LCP1 (Tyr28)

Organism	Gene ID	UniProt ID
Human	3936 ;	P13796 ;
Mouse	18826 ;	Q61233 ;

Cellular Localization

Cytoplasm , cytoskeleton . Cell junction . Cell projection . Cell projection , ruffle membrane ; Peripheral membrane protein ; Cytoplasmic side . Relocalizes to the immunological synapse between peripheral blood T-lymphocytes and antibody-presenting cells in response to costimulation through TCR/CD3 and CD2 or CD28 (PubMed:17294403) . Associated with the actin cytoskeleton at membrane ruffles. Relocalizes to actin-rich cell projections upon serine phosphorylation (PubMed:16636079) . .

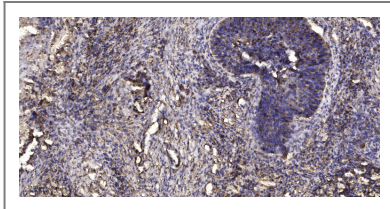
Tissue specificity

Detected in intestinal microvilli , hair cell stereocilia , and fibroblast filopodia , in spleen and other lymph node-containing organs. Expressed in peripheral blood T-lymphocytes , neutrophils , monocytes , B-lymphocytes , and myeloid cells.

Function

Function:Actin-binding protein found in intestinal microvilli , hair cell stereocilia , and fibroblast filopodia. ,PTM:Phosphorylated. ,PTM:The N-terminus is blocked. ,similarity:Contains 2 actin-binding domains. ,similarity:Contains 2 EF-hand domains. ,similarity:Contains 4 CH (calponin-homology) domains. ,subunit:Monomer. ,tissue specificity:Restricted to the spleen and other lymph node-containing organs. Expressed in neutrophils , monocytes , B lymphocytes , and myeloid cells. ,

Validation Data



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

Contact information

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