Datasheet for ABIN2856189

anti-LCP1 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	LCP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human L-Plastin. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to L-Plastin (lymphocyte cytosolic protein 1 (L-plastin)) L-Plastin antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	LCP1

Target Details

Alternative Name:	lymphocyte cytosolic protein 1 (LCP1 Products)
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. Cellular Localization: Cytoplasm
Molecular Weight:	70 kDa
Gene ID:	3936
UniProt:	P13796

Application Details

Application Notes:	WB: 1:5000-1:20000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: NIH-3T3 , JC , BCL-1
Restrictions:	For Research Use only

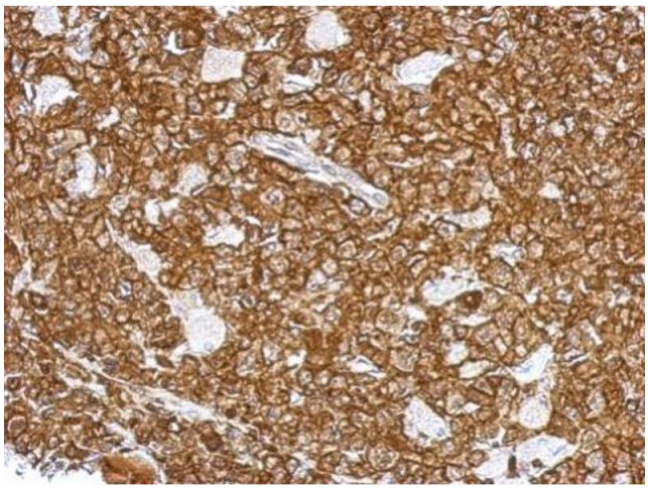
Handling

Format:	Liquid
Concentration:	1.28 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

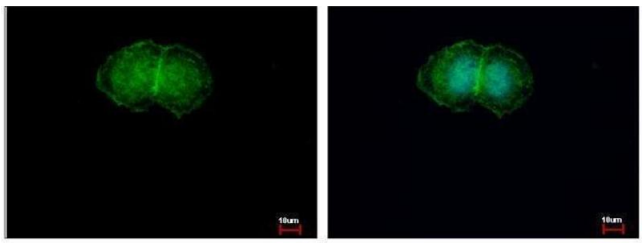
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded RF48 xenograft, using L-Plastin, antibody at 1:500 dilution.



Immunofluorescence

Image 2. ICC/IF Image L-Plastin antibody detects LCP1 protein at membrane by immunofluorescent analysis. Sample: A431 cells were fixed in -20*℃ 100% MeOH for 5 min. Green: LCP1 protein stained by L-Plastin antibody , diluted at 1:500. Blue: Hoechst 33343 staining.*