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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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|----------------------------|---|
| Product Number | ARP54686_P050-FITC |
| Product Page | www.avivasysbio.com/lcp1-antibody-n-terminal-region-fitc-arp54686-p050-fitc.html |
| Name | LCP1 Antibody - N-terminal region : FITC (ARP54686_P050-FITC) |
| Protein Size (# AA) | 627 amino acids |
| Molecular Weight | 70kDa |
| Conjugation | FITC: Fluorescein Isothiocyanate |
| NCBI Gene Id | 3936 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | Lymphocyte cytosolic protein 1 (L-plastin) |
| Alias Symbols | LPL, CP64, PLS2, LC64P, HEL-S-37, L-PLASTIN |
| Peptide Sequence | Synthetic peptide located within the following region: FIKIFHGLKSTDYAKTFRKAINKKEGICAIGTISEQSSVGTQHSYSEEEK |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Reference | Klenke,M., (2007) Int. J. Cancer 120 (12), 2590-2599 |
| Description of Target | <p>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. The L isoform is expressed only in hemopoietic cell lineages. 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| Protein Interactions | UBC; Aif1; FN1; RAD23B; SIRT7; GCA; CNN3; PRKACA; ATXN2; LCP1; |
| Reconstitution and Storage | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding. |
| Datasheets/Manuals | Printable datasheet for anti-LCP1 (ARP54686_P050-FITC) antibody |
| Blocking Peptide | For anti-LCP1 (ARP54686_P050-FITC) antibody is Catalog # AAP54686 (Previous Catalog # AAPP31477) |
| Immunogen | The immunogen is a synthetic peptide directed towards the N terminal region of human LCP1 |
| Uniprot ID | P13796 |
| Protein Name | Plastin-2 |
| Protein Accession # | NP_002289 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_002298 |
| Gene Symbol | LCP1 |

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| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish |
| Application | WB |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 86% |
| Image 1 |  A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms. |

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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