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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54687_P050-Biotin
Product Page	www.avivasysbio.com/lcp1-antibody-c-terminal-region-biotin-arp54687-p050-biotin.html
Name	LCP1 Antibody - C-terminal region : Biotin (ARP54687_P050-Biotin)
Protein Size (# AA)	627 amino acids
Molecular Weight	70kDa
Conjugation	Biotin
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: ILFEIGGGQKVNDDIIVNWVNETLREAKKSSSISSEFKDPKISTSLPVLDL
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, 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. 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 (ARP54687_P050-Biotin) antibody
Blocking Peptide	For anti-LCP1 (ARP54687_P050-Biotin) antibody is Catalog # AAP54687 (Previous Catalog # AAP31478)
Immunogen	The immunogen is a synthetic peptide directed towards the C 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	LCPI
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Image 1	

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

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Optimal conditions of its use should be determined by end users.

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