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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	ARP54685_P050-HRP
Product Page	www.avivasysbio.com/lcn1-antibody-middle-region-hrp-arp54685-p050-hrp.html
Name	LCN1 Antibody - middle region : HRP (ARP54685_P050-HRP)
Protein Size (# AA)	176 amino acids
Molecular Weight	17kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	3933
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Lipocalin 1
Alias Symbols	TP, TLC, PMFA, VEGP
Peptide Sequence	Synthetic peptide located within the following region: IRSHVKDHYIFYCEGELHGKPVGRGKLVGRDPKNNLEALEDFEKAAGARG
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Yusifov, T.N., (et) Mol. Vis. 14, 180-188 (2008)
Description of Target	LCN1 could play a role in taste reception. LCN1 could be necessary for the concentration and delivery of sapid molecules in the gustatory system. LCN1 can bind various ligands, with chemical structures ranging from lipids and retinoids to the macrocyclic antibiotic rifampicin and even to microbial siderophores. LCN1 exhibits an extremely wide ligand pocket. The protein encoded by this gene belongs to the lipocalin family. Lipocalins are a group of extracellular proteins that are able to bind lipophiles by enclosure within their structures to minimize solvent contact. This protein may bind hydrophobic ligands and inhibit cysteine proteinases. It may also play a role in taste reception. 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.
Protein Interactions	WWOX; UBC; Cdca5; LMBR1L; LYZ; LTF; KHK;
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-LCN1 (ARP54685_P050-HRP) antibody
Blocking Peptide	For anti-LCN1 (ARP54685_P050-HRP) antibody is Catalog# AAP54685 (Previous Catalog # AAPP36804)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LCN1
Uniprot ID	P31025
Protein Name	Lipocalin-1
Protein Accession #	NP_002288
Purification	Affinity Purified
Nucleotide Accession #	NM_002297
Gene Symbol	LCN1
Predicted Species Reactivity	Human, Mouse, Rat, Pig
Application	WB

Predicted Homology Based on Immunogen Sequence	Human: 100%; Mouse: 79%; Pig: 79%; Rat: 82%
Image 1	

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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