

Rabbit LCN1 Polyclonal Antibody | anti-LCN1 antibody

LCN1 antibody - middle region

CATALOG # AAA200399	HOST Rabbit	REACTIVITY Human, Mouse, Pig, Rat	APPLICATIONS Western Blot
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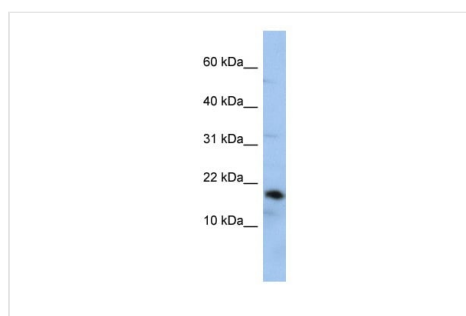
PRODUCT SYNONYMS

LCN1; Polyclonal Antibody; LCN1 antibody - middle region; anti-LCN1 antibody

PRODUCT SPECIFICATIONS

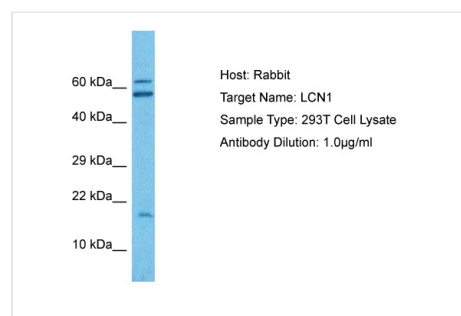
Host	Rabbit
Reactivity	Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: IR SHVKDHYIFY CEGELHGKPV RGVKLVGRDP KNNLEALEDF EKAAGARG
Sequence Length	176
Applicable Applications for anti-LCN1 antibody	WB (Western Blot)
Homology	Human: 100%; Mouse: 79%; Pig: 79%; Rat: 82%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LCN1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-LCN1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate



WB (Western Blot)

Host: Rabbit
Target Name: LCN1
Sample Type: 293T Cell Lysate
Antibody Dilution: 1.0 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-LCN1 antibody	This is a rabbit polyclonal antibody against LCN1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-LCN1 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504963
NCBI GeneID	3933
NCBI Accession #	NP_002288
NCBI GenBank Nucleotide #	NM_002297
UniProt Accession #	P31025
Molecular Weight	17kDa
NCBI Official Full Name	lipocalin-1 isoform 1
NCBI Official Synonym Full Names	lipocalin 1
NCBI Official Symbol	LCN1
NCBI Official Synonym Symbols	TP; TLC; PMFA; VEGP
NCBI Protein Information	lipocalin-1
UniProt Protein Name	Lipocalin-1
UniProt Gene Name	LCN1
UniProt Synonym Gene Names	VEGP; Tlc; TP; VEG protein
UniProt Entry Name	LCN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.