

Product datasheet for **TA335057**

LCN1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-LCN1 antibody: synthetic peptide directed towards the middle region of human LCN1. Synthetic peptide located within the following region: IRSHVKDHYIFYCEGELHGKPVRGVKLVGRDPKNNLEALEDFEKAAGARG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17 kDa
Gene Name:	lipocalin 1
Database Link:	NP_002288 Entrez Gene 3933 Human P31025



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Background:

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.

Synonyms:

PMFA; TLC; TP; VEGP

Note:

Immunogen Sequence Homology: Human: 100%; Rat: 82%; Pig: 79%; Mouse: 79%

Protein Families:

Secreted Protein

Product images:

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