

Datasheet for ABIN2774249
anti-Lipocalin 1 antibody (C-Term)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Lipocalin 1 (LCN1)
Binding Specificity:	C-Term
Reactivity:	Human, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lipocalin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human LCN1
Sequence:	PVRGVKLVGR DPKNNLEALE DFEKAAGARG LSTESILIPR QSETCSPGSD
Predicted Reactivity:	Guinea Pig: 92%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against LCN1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Lipocalin 1 (LCN1)
Alternative Name:	LCN1 (LCN1 Products)
Background:	LCN1 could play a role in taste reception. LCN1 could be necessary for the concentration and

Target Details

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.

Alias Symbols: MGC71975, PMFA, TLC, TP, VEGP

Protein Interaction Partner: WWOX, UBC, Cdca5, LMBR1L, LYZ, LTF, KHK,

Protein Size: 176

Molecular Weight: 17 kDa

Gene ID: 3933

NCBI Accession: [NM_002297](#), [NP_002288](#)

UniProt: [P31025](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 176 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-LCN1 Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: Jurkat cell lysate

Western Blotting

Image 2. WB Suggested Anti-LCN1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: Jurkat cell lysate

LCN1 is supported by BioGPS gene expression data to be expressed in Jurkat