
Product Name: LCN1 Mouse Monoclonal Antibody**Catalog #: AMM80724**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | IHC,ICC,ELISA |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | Mouse IgG1 |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | PBS containing 0.03% sodium azide. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000 |
| Molecular Weight | 19.2kDa |

Antigen Information

| | |
|--------------------------|---|
| Gene Name | LCN1 |
| Alternative Names | TP; PMFA; VEGP |
| Gene ID | 3933.0 |
| SwissProt ID | P31025 |
| Immunogen | Purified recombinant fragment of LCN1 expressed in E. Coli. |

Background

LCN1: lipocalin 1 (tear prealbumin), also known as TP, PMFA, VEGP. Entrez Protein: NP_002288. The protein 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

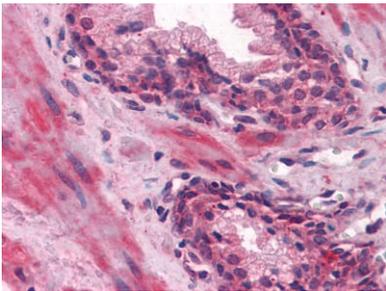
play a role in taste reception and could be necessary for the concentration and delivery of sapid molecules in the gustatory system.

Research Area

Image Data



Confocal Immunofluorescence analysis of methanol-fixed HEK293 cells trasfected with LCN1-hlgGfc using LCN1 mouse mAb(green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemical analysis of paraffin-embedded human Prostate tissues using LCN1 mouse mAb