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## lipocalin 1/LCN1 Rabbit pAb

Catalog Number: bs-11286R

Target Protein: lipocalin 1/LCN1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500),  
ELISA (1:5000-10000)

Reactivity: (predicted:Human)

Predicted MW: 17 kDa

Subcellular Secreted

Locations:

Entrez Gene: 3933

Swiss Prot: P31025

Source: KLH conjugated synthetic peptide derived from human lipocalin 1: 101-176/176.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Lipocalin-1 is a secretory protein that is highly expressed in fluids covering epithelial surfaces such as tears and respiratory secretions. This major lipid-binding protein in tears is also called tear lipocalin (TL) and von Ebner's gland protein (VEG), as it is also a major secretion of these lingual salivary glands. In addition to lacrimal glands and lingual glands, Lipocalin-1 is secreted by nasal mucosal glands, secretory glands of the tracheobronchial tract, sweat glands, mammary glands, adrenal gland, prostate, thymus, testis and corticotrophs of the pituitary gland. Specifically, Lipocalin-1 functions to stabilize the lipid film of human tear fluid by removing harmful lipids from the human corneal surface and delivering them to the aqueous phase of tears. Lipocalin-1 may also function as a transporter of hydrophobic molecules such as bitter substances on the tongue.

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=5.123] Jia, W. et al. Elimination terminal fixed region screening and high-throughput kinetic determination of aptamer for lipocalin-1

by surface plasmon resonance imaging, (2018) *Analytica Chimica Acta* Other ; . 10.1016/j.aca.2018.09.018