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lipocalin 1/LCN1 Rabbit pAb**— DATASHEET —**

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 3933</p> <p>Target: lipocalin 1/LCN1</p> <p>Immunogen: KLH conjugated synthetic peptide derived from human lipocalin 1: 101-176/176.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>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.</p>	<p>Isotype: IgG</p> <p>SWISS: P31025</p> <p>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)</p> <p>Reactivity: (predicted: Human)</p> <p>Predicted MW.: 17 kDa</p> <p>Subcellular Location: Secreted</p>
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— SELECTED CITATIONS —

- **[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