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Datasheet for ABIN5006110

anti-Lipocalin 1 antibody (AA 101-176) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	Lipocalin 1 (LCN1)
Binding Specificity:	AA 101-176
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lipocalin 1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human lipocalin 1
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Lipocalin 1 (LCN1)
Alternative Name:	LCN1/lipocalin 1 (LCN1 Products)
Background:	Synonyms: LCN1, LCN1_HUMAN, Lipocalin 1 protein migrating faster than albumin, tear

Target Details

prealbumin, Lipocalin 1 like 2, Lipocalin-1, lipocalin 1, PMFA, Tear lipocalin, Tear prealbumin, Tlc, TP antibody VEG protein, VEGP, Von Ebner gland protein.

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.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months