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Datasheet for ABIN1390369

anti-Lipocalin 1 antibody (AA 101-176) (Biotin)

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 Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months