

Datasheet for ABIN1882099
anti-Lactoferrin antibody (AA 219-248)

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Overview

Quantity:	400 µL
Target:	Lactoferrin (LTF)
Binding Specificity:	AA 219-248
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lactoferrin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Lactoferrin (LTF) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 219-248 amino acids from the Central region of human Lactoferrin (LTF).
Clone:	RB11921
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Lactoferrin (LTF)
Alternative Name:	Lactoferrin (LTF) (LTF Products)

Target Details

Background: This protein is a member of the transferrin family of metal-binding proteins found in milk and other secretory fluids and also in blood. It shows multifunctional properties of which the bacteriostatic and bactericidal effects are the best known.

Molecular Weight: 78182

NCBI Accession: [NP_001186078](#), [NP_002334](#)

UniProt: [P02788](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Expiry Date: 6 months

Publications

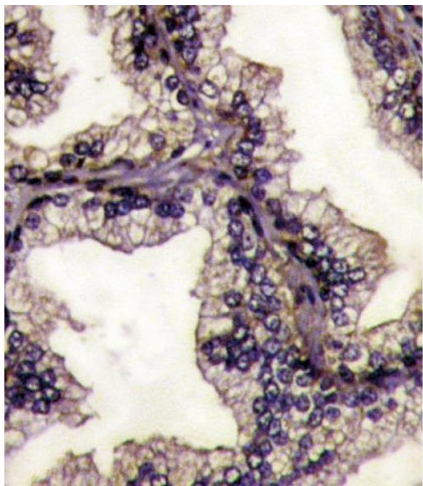
Product cited in: Wendeler, Pabst, Wang, Strouse, Wang, Hunter: "Process-scale purification and analytical characterization of highly gamma-carboxylated recombinant human prothrombin." in: **Journal of chromatography. A**, Vol. 1325, pp. 171-8, (2014) ([PubMed](#)).

Yang, Ko, Yang, Kim, Seo, Park, Choi, Seong, Kweon: "Interleukin-1 promotes coagulation, which is necessary for protective immunity in the lung against Streptococcus pneumoniae infection." in: **The Journal of infectious diseases**, Vol. 207, Issue 1, pp. 50-60, (2012) ([PubMed](#)).

Lim, Joy, Hill, San Brian Chia: "Novel agmatine and agmatine-like peptidomimetic inhibitors of

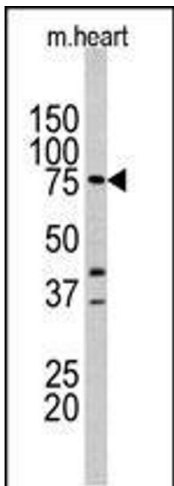
the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) ([PubMed](#)).

Images



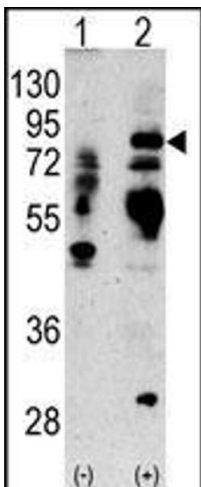
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded prostate carcinoma tissue reacted with LTF Antibody (Center) (ABIN1882099 and ABIN2841775) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of anti-LTF Antibody (Center) Pab (ABIN1882099 and ABIN2841775) in mouse heart tissue lysates (35 µg/lane). LTF(arrow) was detected using the purified Pab (1:60 dilution).



Western Blotting

Image 3. Western blot analysis of anti-LTF Antibody (Center) Pab (ABIN1882099 and ABIN2841775) in 293 cell line lysates transiently transfected with the LTF gene (2 µg/lane). LTF(arrow) was detected using the purified Pab (1:60 dilution).