

Datasheet for ABIN715091

anti-Lactoferrin antibody (AA 611-710)[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	100 µL
Target:	Lactoferrin (LTF)
Binding Specificity:	AA 611-710
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lactoferrin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Lactoferrin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

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

Target Details

Background:	<p>Synonyms: CKRX, GIG12, Growth inhibiting protein 12, HLF2, Homo sapiens chemokine receptor X, Kaliocin 1, Lactoferrin, Lactoferroxin A, Lactoferroxin B, Lactoferroxin C, Lactoferroxin-C, Lactotransferrin, LF, LTF, Neutrophil lactoferrin, Talalactoferrin alfa, Talalactoferrin, TRFL_HUMAN.</p> <p>Background: Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. Lactotransferrin has antimicrobial activity which depends on the extracellular cation concentration. Lactoferroxins A, B and C have opioid antagonist activity. Lactoferroxin A shows preference for mu-receptors, while lactoferroxin B and C have somewhat higher degrees of preference for kappa-receptors than for mu-receptors. The lactotransferrin transferrin-like domain 1 functions as a serine protease of the peptidase S60 family that cuts arginine rich regions. This function contributes to the antimicrobial activity.</p>
Gene ID:	4057
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

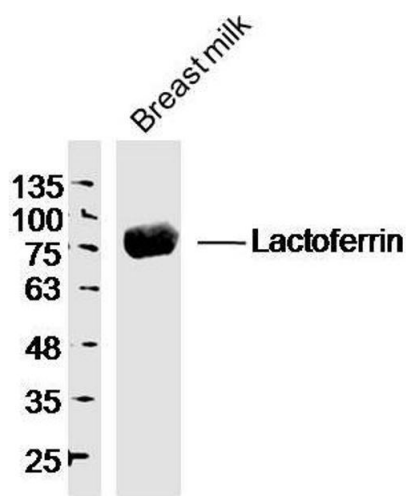
Handling

Expiry Date: 12 months

Publications

Product cited in: Zhao, Ting, Liu, Sun, Kruzel, Roy-O'Reilly, Aronowski: "Neutrophil polarization by IL-27 as a therapeutic target for intracerebral hemorrhage." in: **Nature communications**, Vol. 8, Issue 1, pp. 602, (2018) ([PubMed](#)).

Images



Western Blotting

Image 1. Human breast milk probed with Lactoferrin Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody at 1:10000 for 90 minutes at 37°C.