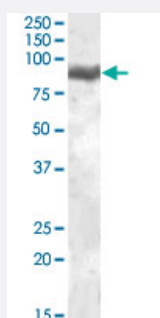


LTF polyclonal antibody

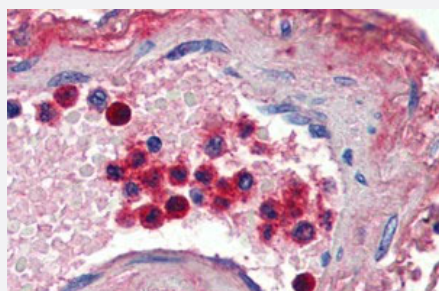
Catalog # PAB11431 Size 100 ug

Applications



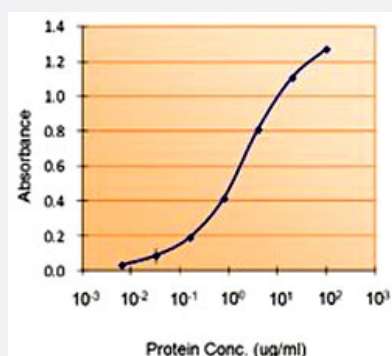
Western Blot (Cell lysate)

LTF polyclonal antibody (Cat # PAB11431) (0.05 ug/mL) staining of human peripheral blood mononucleocyte (PBMCs) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

LTF polyclonal antibody (Cat # PAB11431) (2 ug/mL) staining of paraffin embedded human blood vessel. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Sandwich ELISA

LTF polyclonal antibody (Cat # PAB11431) (5 ug/mL) as the reporter with the capture rabbit antibody (5 ug/mL).

Specification

Product Description

Goat polyclonal antibody raised against synthetic peptide of LTF.

Immunogen	A synthetic peptide corresponding to human LTF.
Sequence	C-ENYKSQQSSDPDP
Host	Goat
Theoretical MW (kDa)	78.2
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Western Blot (0.05-0.2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

LTF polyclonal antibody (Cat # PAB11431) (0.05 ug/mL) staining of human peripheral blood mononucleocyte (PBMCs) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

LTF polyclonal antibody (Cat # PAB11431) (2 ug/mL) staining of paraffin embedded human blood vessel. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

- Sandwich ELISA

LTF polyclonal antibody (Cat # PAB11431) (5 ug/mL) as the reporter with the capture rabbit antibody (5 ug/mL).

Gene Info — LTF

Entrez GeneID [4057](#)

Protein Accession# [NP_002334.2](#)

Gene Name LTF

Gene Alias GIG12, HLF2, LF

Gene Description lactotransferrin

Omim ID [150210](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the transferrin family of genes and its protein product is found in the secondary granules of neutrophils. The protein is a major iron-binding protein in milk and body secretions with an antimicrobial activity, making it an important component of the non-specific immune system. The protein demonstrates a broad spectrum of properties, including regulation of iron homeostasis, host defense against a broad range of microbial infections, anti-inflammatory activity, regulation of cellular growth and differentiation and protection against cancer development and metastasis. [provided by RefSeq]

Other Designations growth-inhibiting protein 12|lactoferrin|neutrophil lactoferrin|talalactoferrin

Publication Reference

- [Lactoferrin acts as an alarmin to promote the recruitment and activation of APCs and antigen-specific immune responses.](#)

de la Rosa G, Yang D, Tewary P, Varadhachary A, Oppenheim JJ.

Journal of Immunology 2008 May; 180(10):6868.

Disease

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- [Aggressive Periodontitis](#)
- [Alzheimer disease](#)
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