

LTF Rabbit Polyclonal Antibody

Catalog No: #53457

Package Size: #53457-1 50ul #53457-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

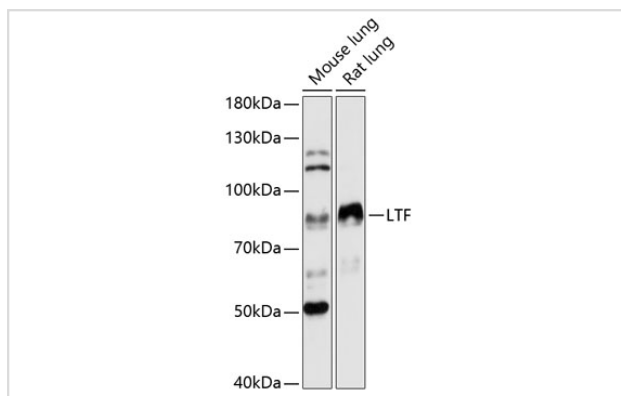
Description

Product Name	LTF Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human LTF (NP_002334.2).
Other Names	LTF;GIG12;HEL110;HLF2;LF
Accession No.	Swiss Prot:P02788GeneID:4057
Calculated MW	73kDa/78kDa
SDS-PAGE MW	78kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

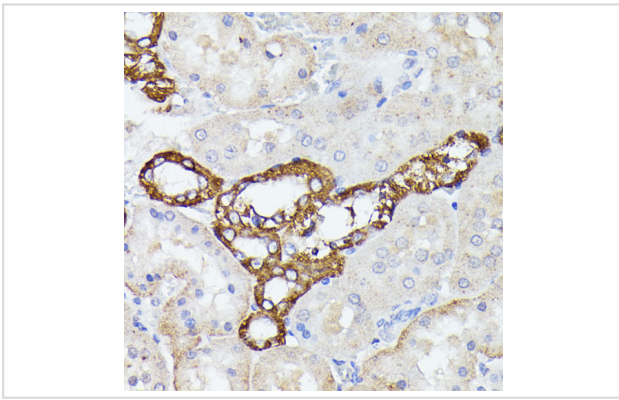
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:100 - 1:200

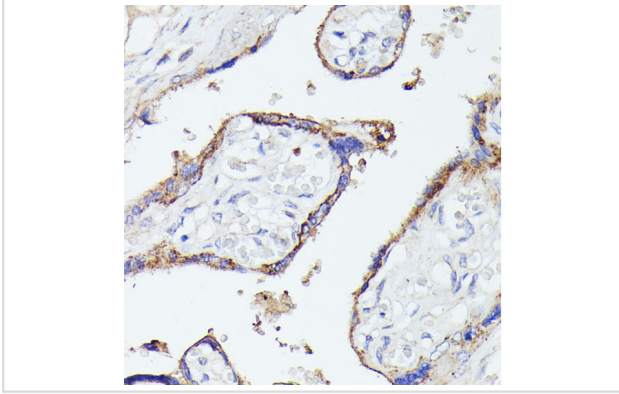
Images



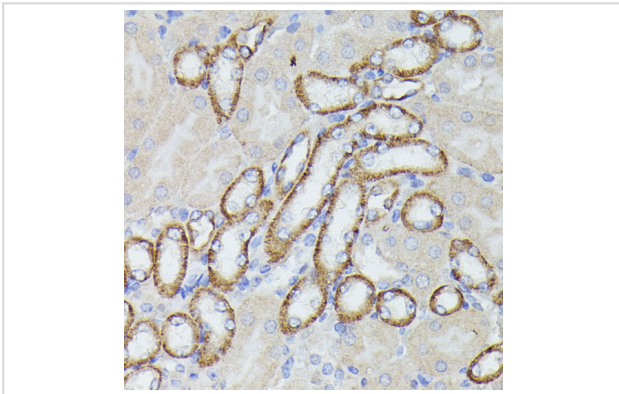
Western blot analysis of extracts of various cell lines, using LTF at 1:3000 dilution.



Immunohistochemistry of paraffin-embedded rat kidney using LTF at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human placenta using LTF at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using LTF at dilution of 1:100 (40x lens).

Background

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. Antimicrobial, antiviral, antifungal and antiparasitic activity has been found for this protein and its peptides. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.