

Datasheet for ABIN707756
anti-Layilin antibody (AA 281-382)

3 Images

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Overview

Quantity:	100 µL
Target:	Layilin (LAYN)
Binding Specificity:	AA 281-382
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Layilin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

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

Target Details

Target:	Layilin (LAYN)
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Target Details

Alternative Name: Layilin ([LAYN Products](#))

Background: Synonyms: Layn, E030012M19Rik, Gm511.
Background: LAYN is integral membrane protein, and a hyaluronate receptor. It has been shown to bind specifically to hyaluronan but not to other glycosaminoglycans. It is a recently characterized transmembrane protein with homology to C type lectins, and is a membrane binding site for talin in peripheral ruffles of spreading cells. LAYN may have a role in cell adhesion and motility.

Gene ID: 143903

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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.

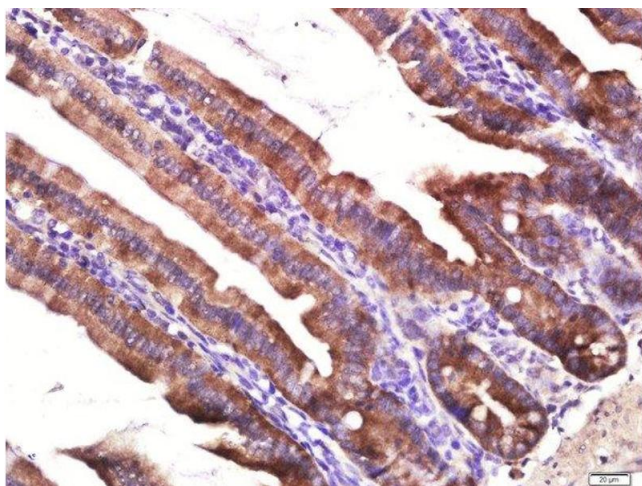
Preservative: ProClin

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

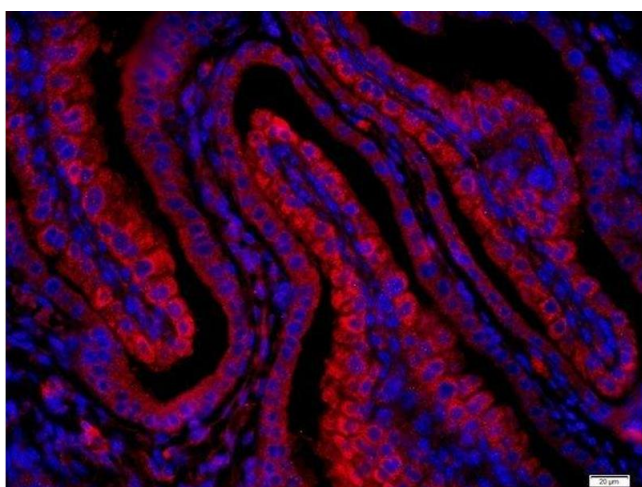
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



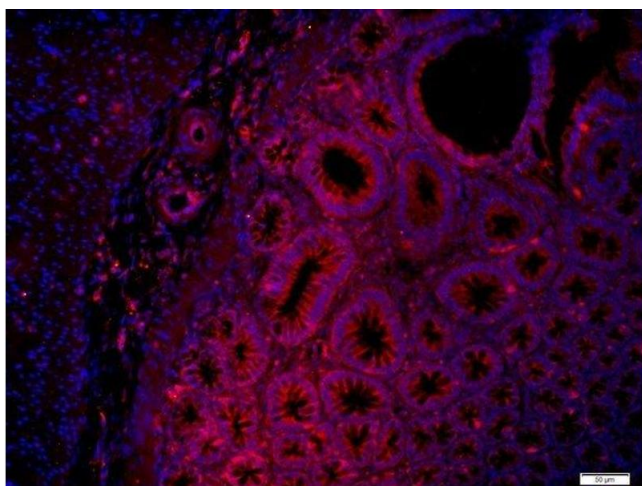
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded Mouse small intestine tissue, Antigen retrieval by boiling in sodium citrate buffer(pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with Layilin Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary and DAB staining



Immunofluorescence (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded mouse placenta, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with (Layilin) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary (Goat Anti-rabbit IgG/Bio) for 20minutes at 37°C, followed by a conjugated streptavidin for 40 minutes and DAPI staining of the nuclei.



Immunofluorescence (Paraffin-embedded Sections)

Image 3. Paraformaldehyde-fixed, paraffin embedded mouse intestines, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with (Layilin) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by a conjugated secondary (Goat Anti-rabbit IgG/Bio) for 20minutes at 37°C, followed by a conjugated streptavidin for 40 minutes and DAPI staining of the nuclei.