



Datasheet for ABIN7174212  
**anti-LSM11 antibody (AA 1-141)**



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2 Images

Overview

Quantity:	100 µL
Target:	LSM11
Binding Specificity:	AA 1-141
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LSM11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human U7 snRNA-associated Sm-like protein LSm11 protein (1-141AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LSM11
Alternative Name:	LSM11 ( <a href="#">LSM11 Products</a> )
Background:	Background: Component of the U7 snRNP complex that is involved in the histone 3'-end pre-mRNA processing (By similarity). Increases U7 snRNA levels but not histone 3'-end pre-mRNA

## Target Details

processing activity, when overexpressed. Required for cell cycle progression from G1 to S phases. Binds specifically to the Sm-binding site of U7 snRNA.

Aliases: LSM11U7 snRNA-associated Sm-like protein LSm11 antibody

UniProt: [P83369](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

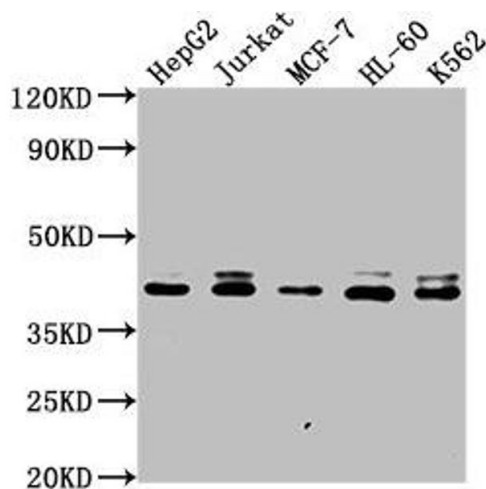
Preservative: ProClin

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

Storage: -20 °C,-80 °C

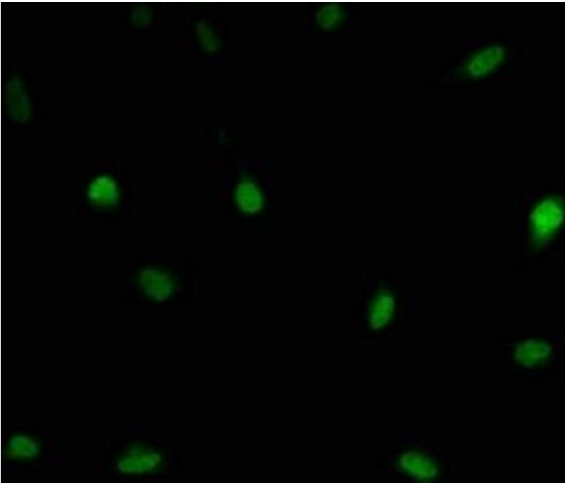
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Western Blotting

**Image 1.** Western Blot Positive WB detected in: HepG2 whole cell lysate, Jurkat whole cell lysate, MCF-7 whole cell lysate, HL-60 whole cell lysate, K562 whole cell lysate All lanes: LSM11 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 40 kDa Observed band size: 40 kDa



### Immunofluorescence

**Image 2.** Immunofluorescence staining of U251 cells with ABIN7174212 at 1:166, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).