

Datasheet for ABIN7306442

**anti-LSM4 antibody**

3 Images

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## Overview

Quantity:	100 µL
Target:	LSM4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LSM4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	Recombinant full length protein of human LSm4
Specificity:	Recognizes endogenous levels of LSm4 protein.
Characteristics:	Rabbit polyclonal antibody to LSm4
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	LSM4
Alternative Name:	LSm4 ( <a href="#">LSM4 Products</a> )
Background:	U6 snRNA-associated Sm-like protein LSm4, Glycine-rich protein, GRP
Gene ID:	25804, 50783

## Target Details

UniProt: [Q9Y4Z0](#), [Q9QXA5](#)

## Application Details

Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

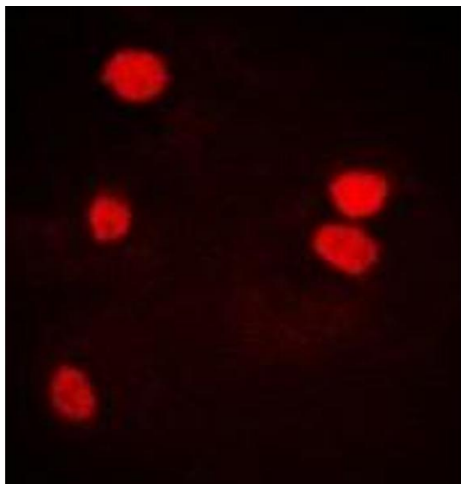
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

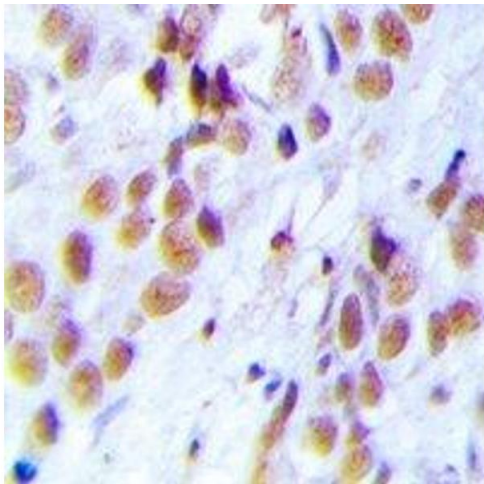
Expiry Date: 12 months

## Images



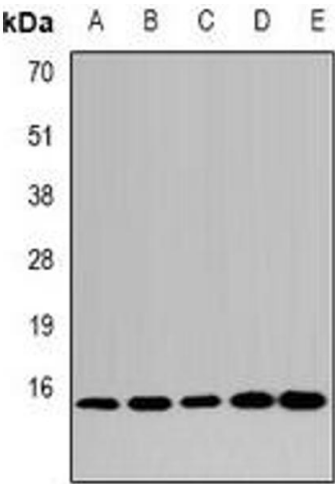
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of LSmm4 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i



Immunohistochemistry

**Image 2.** Immunohistochemical analysis of LSm4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated wit



Western Blotting

**Image 3.** Western blot analysis of LSm4 expression in HepG2 (A), MCF7 (B), mouse kidney (C), mouse heart (D), rat liver (E) whole cell lysates.