

Datasheet for ABIN655625
anti-LSM7 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	LSM7
Binding Specificity:	AA 45-72, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LSM7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This LSM7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-72 amino acids from the C-terminal region of human LSM7.
Clone:	RB17450
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	LSM7
Alternative Name:	LSM7 (LSM7 Products)
Background:	Sm-like proteins were identified in a variety of organisms based on sequence homology with

Target Details

the Sm protein family (see SNRPD2, MIM 601061). Sm-like proteins contain the Sm sequence motif, which consists of 2 regions separated by a linker of variable length that folds as a loop. The Sm-like proteins are thought to form a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing.

Molecular Weight: 11602

Gene ID: 51690

NCBI Accession: [NP_057283](#)

UniProt: [Q9UK45](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

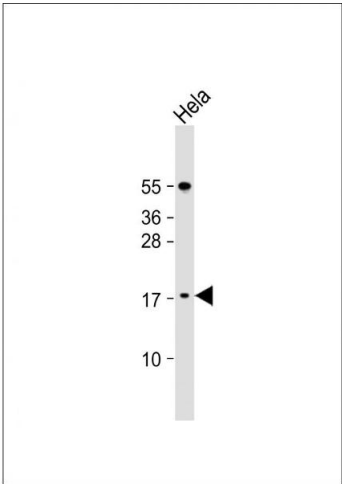
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

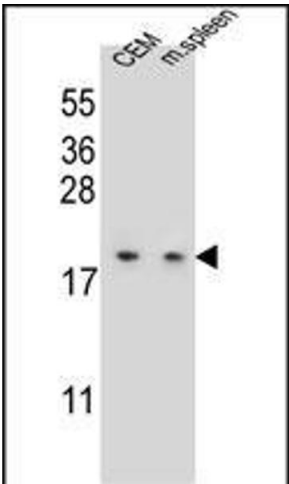
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Anti-LSM7 Antibody (C-term) at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 12 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 2. LSM7 Antibody (C-term) (ABIN655625 and ABIN2845104) western blot analysis in CEM cell line and mouse spleen tissue lysates (35 µg/lane). This demonstrates the LSM7 antibody detected the LSM7 protein (arrow).