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## Datasheet for ABIN7469474 anti-LSM4 antibody

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | LSM4  |
| Reactivity:  | Human   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This LSM4 antibody is un-conjugated                                       |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC) |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant protein encompassing a sequence within the center region of human LSM4. The exact sequence is proprietary. |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | Purified by antigen-affinity chromatography.   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | LSM4   |
| Alternative Name: | LSM4 ( <a href="#">LSM4 Products</a> )   |
| Background:       | Synonyms: LSM4 homolog, U6 small nuclear RNA and mRNA degradation associated , GRP , YER112W<br>Background: Sm-like proteins were identified in a variety of organisms based on sequence |

## Target Details

homology with 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.[supplied by OMIM]

Molecular Weight: 15 kDa

Gene ID: 25804

UniProt: [Q9Y4Z0](#)

## Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1.66 mg/mL

Buffer: 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

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: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.