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Datasheet for ABIN2790558  
**anti-LSM5 antibody (Middle Region)**

1 Image

### Overview

Quantity:	100 µL
Target:	LSM5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LSM5 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human LSM5
Sequence:	GFDDFVNMVL EDVTEFEITP EGRITKLDQ ILLNGNNITM LVPGGEGPEV
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against LSM5. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	LSM5
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## Target Details

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Alternative Name:	LSM5 ( <a href="#">LSM5 Products</a> )
Background:	<p>Sm-like proteins were identified in a variety of organisms based on sequence 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.</p> <p>Alias Symbols: FLJ12710, YER146W</p> <p>Protein Interaction Partner: LSM7, LSM6, SNRPF, UBC, LSM3, BAG3, DHX16, UBE3A, SPTB, PPP1R10, GTF2B, RMI2, LSM2, MIF4GD, LSM4, EXOSC5, LSM8, LSM1, HNRNPD, SMN2, SNRPE,</p> <p>Protein Size: 91</p>
Molecular Weight:	10 kDa
Gene ID:	23658
NCBI Accession:	<a href="#">NM_012322</a> , <a href="#">NP_036454</a>
UniProt:	<a href="#">Q9Y4Y9</a>
Pathways:	<a href="#">Response to Water Deprivation</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 91 AA
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-LSM5 Antibody Titration: 1.0 ug/ml Positive Control: MCF7 Whole Cell LSM5 is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells