

# ARG45203 anti-LSM7 antibody

Package: 50 μg Store at: -20°C

## Summary

Product Description	Rabbit Polyclonal antibody recognizes LSM7
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	LSM7
Species	Human
Immunogen	Recombinant protein containing to human LSM7.
Conjugation	Un-conjugated
Alternate Names	LSM7; LSM7 Homolog, U6 Small Nuclear RNA And MRNA Degradation Associated ; YER146W; U6 SnRNA- Associated Sm-Like Protein LSm5; LSM5 Homolog, U6 Small Nuclear RNA Associated (S. Cerevisiae); LSM5 U6; Small Nuclear RNA And MRNA Degradation Associated; LSM5 Homolog, U6 Small Nuclear RNA Associated

# **Application Instructions**

Application table	Application	Dilution
	FACS	1 - 3 μg/10^6 cells
	ICC/IF	5 μg/ml
	IHC-P	1-2 μg/ml
	WB	0.25-0.5 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	12 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	LSM7
Gene Full Name	LSM7 Homolog, U6 Small Nuclear RNA And MRNA Degradation Associated
Background	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.[supplied by OMIM, Apr 2004]
Function	Plays a role in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex). [UniProt]
Calculated Mw	12 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Nucleus. [UniProt]

## Images



### ARG45203 anti-LSM7 antibody IHC-P image

Immunohistochemistry: Human bladder cancer stained with ARG45203 anti-LSM7 antibody at 2  $\mu g/ml$  dilution.



### ARG45203 anti-LSM7 antibody ICC/IF image

Immunofluorescence: MCF-7 stained with ARG45203 anti-LSM7 antibody at 5  $\rm ug/ml$  dilution.



Count



Western blot: MCF-7, Jurkat, and Raji stained with ARG45203 anti-LSM7 antibody at 0.5  $\mu g/ml$  dilution.

# ARG45203 anti-LSM7 antibody FACS image

Flow Cytometry: A431 stained with ARG45203 anti-LSM7 antibody at 1  $\mu g/10^{6}$  cells dilution.



#### ARG45203 anti-LSM7 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45203 anti-LSM7 antibody at 2  $\mu g/ml$  dilution.



#### ARG45203 anti-LSM7 antibody WB image

Western blot: Rat brain stained with ARG45203 anti-LSM7 antibody at 0.5  $\mu\text{g}/\text{ml}$  dilution.



### ARG45203 anti-LSM7 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45203 anti-LSM7 antibody at 2  $\mu g/ml$  dilution.



### ARG45203 anti-LSM7 antibody WB image

Western blot: Mouse brain stained with ARG45203 anti-LSM7 antibody at 0.5  $\mu g/ml$  dilution.