Datasheet for ABIN7174199

anti-LSM6 antibody (AA 1-80) (HRP)

Overview

Quantity:	100 μg
Target:	LSM6
Binding Specificity:	AA 1-80
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LSM6 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human U6 snRNA-associated Sm-like protein LSm6 protein (1-80AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LSM6
Alternative Name:	LSM6 (LSM6 Products)
Background:	Background: Component of LSm protein complexes, which are involved in RNA processing and may function in a chaperone-like manner, facilitating the efficient association of RNA

Target Details

processing factors with their substrates. Component of the cytoplasmic LSM1-LSM7 complex, which is thought to be involved in mRNA degradation by activating the decapping step in the 5\'-to-3\' mRNA decay pathway. Component of the nuclear LSM2-LSM8 complex, which is involved in splicing of nuclear mRNAs. LSM2-LSM8 associates with multiple snRNP complexes containing the U6 snRNA (U4/U6 di-snRNP, spliceosomal U4/U6.U5 tri-snRNP, and free U6 snRNP). It binds directly to the 3\'-terminal U-tract of U6 snRNA and plays a role in the biogenesis and stability of the U6 snRNP and U4/U6 snRNP complexes. LSM2-LSM8 probably also is involved degradation of nuclear pre-mRNA by targeting them for decapping, and in processing of pre-tRNAs, pre-rRNAs and U3 snoRNA (By similarity).

Aliases: LSM6U6 snRNA-associated Sm-like protein LSm6 antibody

UniProt:	P62312

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.