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LSM6 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11787

Product Information

Application	WB
Primary Accession	P62312
Other Accession	NM_007080, NP_009011
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Zebrafish, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9128

Additional Information

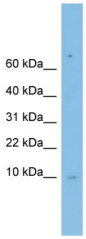
Gene ID	11157
Alias Symbol	YDR378°C
Other Names	U6 snRNA-associated Sm-like protein LSm6, LSM6
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-LSM6 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	LSM6 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LSM6
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) (PubMed:28781166). The heptameric LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA (PubMed:10523320). 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 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 (Probable).

Cellular Location	Cytoplasm. Nucleus

Images



WB Suggested Anti-LSM6 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: HCT15 cell lysate
LSM6 is supported by BioGPS gene expression data to be expressed in HCT15