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anti-LSM5 antibody (Middle Region)



Image



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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 EGRRITKLDQ 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	

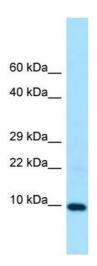
Target Details

Alternative Name:	LSM5 (LSM5 Products)	
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.	
	Alias Symbols: FLJ12710, YER146W	
	Protein Interaction Partner: LSM7, LSM6, SNRPF, UBC, LSM3, BAG3, DHX16, UBE3A, SPTB,	
	PPP1R10, GTF2B, RMI2, LSM2, MIF4GD, LSM4, EXOSC5, LSM8, LSM1, HNRNPD, SMN2,	
	SNRPE,	
	Protein Size: 91	
Molecular Weight:	10 kDa	
Gene ID:	23658	
NCBI Accession:	NM_012322, NP_036454	
UniProt:	Q9Y4Y9	
Pathways:	Response to Water Deprivation	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 91 AA	
Restrictions:	For Research Use only	
Handling		
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	

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