

For Research Use Only

LSM6 Polyclonal antibody

Catalog Number: 12138-1-AP



Basic Information

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|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Catalog Number: 12138-1-AP | GenBank Accession Number: BC016026 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 11157 | Recommended Dilutions: IHC 1:50-1:500 |
| Source: Rabbit | Full Name: LSM6 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>) | |
| Isotype: IgG | Calculated MW: 80 aa, 9 kDa | |
| Immunogen Catalog Number: AG2784 | | |

Applications

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| Tested Applications: IHC, ELISA | Positive Controls: IHC : human stomach tissue, |
| Species Specificity: human | |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | |

Background Information

LSM6 plays 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) (PMID: 28781166). LSM6 is a component of LSm protein complexes, and LSM2-8 complex binds specifically to the 3'-terminal U-tract of U6 snRNA (PMID: 10523320).

Storage

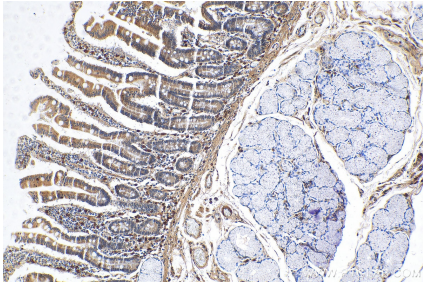
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

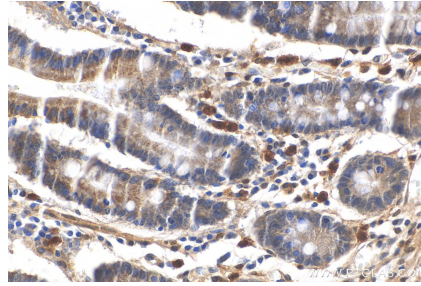
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

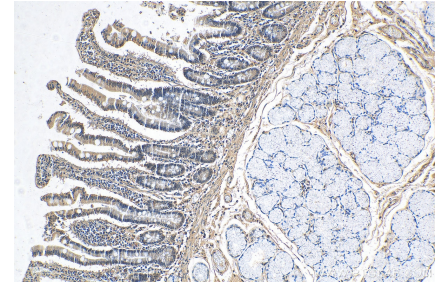
Selected Validation Data



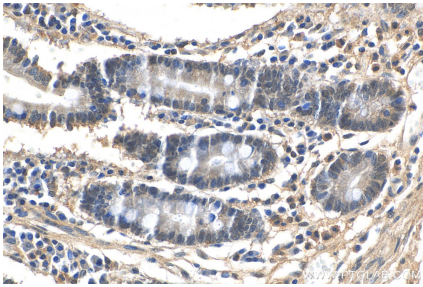
Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 12138-1-AP (LSM6 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 12138-1-AP (LSM6 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 12138-1-AP (LSM6 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 12138-1-AP (LSM6 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).