

LSM4 rabbit monoclonal antibody

Catalog # H00025804-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LSM4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LSM4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LSM4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LSM4

Entrez GeneID	25804
GeneBank Accession#	LSM4
Gene Name	LSM4
Gene Alias	YER112W
Gene Description	LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae)
Omim ID	607284
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	U6 snRNA-associated Sm-like protein U6 snRNA-associated Sm-like protein 4

Pathway

- [RNA degradation](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)