



Rabbit Anti-SERF1 antibody

SL19919R

Product Name:	SERF1
Chinese Name:	SERF1蛋白抗体
Alias:	4F5; FAM2A; FAM2B; h4F5; Protein 4F5; SERF1; SERF1_HUMAN; SERF1A; SERF1B; SMA modifier 1; Small EDRK-rich factor 1; SMAM1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	12kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SERF1:1-50/110
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region contains at least four genes and repetitive elements which make it prone to rearrangements and deletions. The repetitiveness and complexity of the sequence have also caused difficulty in determining the organization of this genomic region. This gene is the centromeric copy which is identical to the telomeric copy. Alternatively spliced transcripts have been documented but it is unclear whether

alternative splicing occurs for both the centromeric and telomeric copies of the gene. The gene encodes a protein of unknown function which bears low-level homology with the RNA-binding domain of matrin-cyclophilin, a protein which colocalizes with small nuclear ribonucleoproteins (snRNPs) and the SMN1 gene product. [provided by RefSeq, Jul 2008]

Tissue Specificity:

Isoform Long is predominantly expressed in heart, brain and skeletal muscle. Isoform Short and Isoform Long are expressed throughout the central nervous system, including spinal cord.

Similarity:

Belongs to the SERF family.

SWISS:

O75920

Gene ID:

728492

Database links:

[Entrez Gene: 728492](#) Human

[Entrez Gene: 8293](#) Human

[Entrez Gene: 20365](#) Mouse

[Entrez Gene: 502503](#) Rat

[Omim: 603011](#) Human

[SwissProt: O75920](#) Human

[SwissProt: O88892](#) Mouse

[Unigene: 559428](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.