

Product datasheet for **TA334374**

Small EDRK rich factor 1 (SERF1A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SERF1A antibody is: synthetic peptide directed towards the N-terminal region of Human SERF1A. Synthetic peptide located within the following region: KNMKKTQEISKGKRKEDSLTASQRKQRDSEIMQEKQKAANEKKSMTREK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	6 kDa
Gene Name:	small EDRK-rich factor 1A (telomeric)
Database Link:	NP_075257 Entrez Gene 8293 Human O75920



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Background:

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. The duplication region includes both a telomeric and a centromeric copy of this gene. Deletions of this gene, the telomeric copy, often accompany deletions of the neighboring SMN1 gene in spinal muscular atrophy (SMA) patients, and so it is thought that this gene may be a modifier of the SMA phenotype. The function of this protein is not known; however, it 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.

Synonyms:

4F5; FAM2A; H4F5; SERF1; SMAM1

Note:

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Bovine: 93%; Rabbit: 93%

Protein Families:

Transmembrane

Product images:

WB Suggested Anti-SERF1A Antibody; Titration: 1.0 ug/ml; Positive Control: Fetal Kidney