

Datasheet for ABIN2790696
anti-SERF1A antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SERF1A
Binding Specificity:	N-Term
Reactivity:	Human, Guinea Pig, Mouse, Rat, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERF1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human SERF1A
Sequence:	KNMKKTQEIS KGKRKEDSLT ASQRKQRDSE IMQEKQKAAN EKKSMQTREK
Predicted Reactivity:	Cow: 93%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SERF1A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SERF1A
Alternative Name:	SERF1A (SERF1A Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: 4F5, FAM2A, H4F5, SERF1, SERF1B, SMAM1</p> <p>Protein Interaction Partner: UBC, APP, PIK3R3,</p> <p>Protein Size: 62</p>
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Molecular Weight:	6 kDa
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Gene ID:	8293
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NCBI Accession:	NM_022968 , NP_075257
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UniProt:	O75920
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 62 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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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-SERF1A Antibody Titration: 1.0 ug/ml Positive Control: Fetal Kidney