

# SSPN Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5200

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q14714</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	26618
<b>Isotype</b>	Rabbit IgG
<b>Antigen Source</b>	Human

## Additional Information

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<b>Gene ID</b>	8082
<b>Antigen Region</b>	6-34
<b>Other Names</b>	SSPN;KRAG; Sarcospan; Sarcospan; K-ras oncogene-associated protein; Sarcospan; Kirsten-ras-associated protein
<b>Dilution</b>	WB~~1:1000
<b>Target/Specificity</b>	This SSPN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-34 amino acids from the N-terminal region of human SSPN.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	SSPN Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	SSPN
<b>Synonyms</b>	KRAG
<b>Function</b>	Component of the dystrophin-glycoprotein complex (DGC), a complex that

spans the muscle plasma membrane and forms a link between the F-actin cytoskeleton and the extracellular matrix. Preferentially associates with the sarcoglycan subcomplex of the DGC.

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Cell membrane, sarcolemma  
Postsynaptic cell membrane; Multi-pass membrane protein. Note=Also found in myotendinous junctions and in the postsynaptic membrane of neuromuscular junctions.

**Tissue Location**

Isoform 1 is expressed exclusively in heart and skeletal muscle. Isoform 2 is expressed in heart, skeletal muscle, thymus, prostate, testis, ovary, small intestine, colon and spleen

## Background

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Component of the dystrophin-glycoprotein complex (DGC), a complex that spans the muscle plasma membrane and forms a link between the F-actin cytoskeleton and the extracellular matrix. Preferentially associates with the sarcoglycan subcomplex of the DGC.

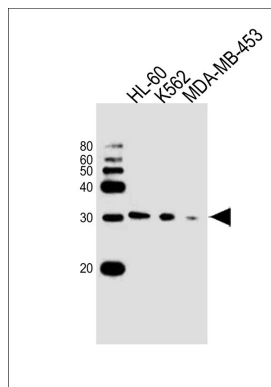
## References

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Crosbie R.H., et al. J. Biol. Chem. 272:31221-31224(1997).  
Crosbie R.H., et al. Submitted (APR-2000) to the EMBL/GenBank/DDBJ databases.  
Wiemann S., et al. Genome Res. 11:422-435(2001).  
Heighway J., et al. Genomics 35:207-214(1996).

## Images

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Western blot analysis of lysates from HL-60, K562, MDA-MB-453 cell line (from left to right), using SSPN Antibody (N-term)(Cat. #AW5200). AW5200 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.