

**SSPN Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5200**

**Specification**

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**SSPN Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q14714</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=27,14 KDa
Isotype	Rabbit IgG
Antigen Source	Human

**SSPN Antibody (N-term) - Additional Information**

**Gene ID** 8082

**Antigen Region**  
6-34

**Other Names**  
SSPN;KRAG; Sarcospan; Sarcospan; K-ras oncogene-associated protein; Sarcospan;  
Kirsten-ras-associated protein

**Dilution**  
WB~~1:1000

**Target/Specificity**  
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.

**Format**  
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.

**Storage**  
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.

**Precautions**  
SSPN Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SSPN Antibody (N-term) - Protein Information**

**Name** SSPN

## Synonyms KRAG

### Function

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

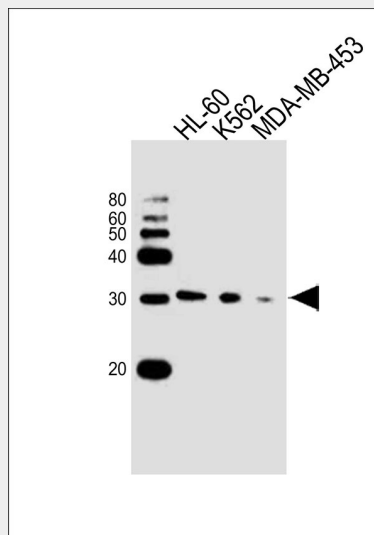
Isoform 1 is expressed exclusively in heart and skeletal muscle. Isoform 2 is expressed in heart, skeletal muscle, thymus, prostate, testis, ovary, small intestine, colon and spleen

## SSPN Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## SSPN Antibody (N-term) - Images



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.

## SSPN Antibody (N-term) - Background

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.

#### **SSPN Antibody (N-term) - References**

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).