

Product datasheet

Anti-SSPN antibody [EPR15515] ab186730

Recombinant RabMAb

[1 References](#) [3 Images](#)

Overview

Product name	Anti-SSPN antibody [EPR15515]
Description	Rabbit monoclonal [EPR15515] to SSPN
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal heart, skeletal muscle, A673 and 293 lysates; Mouse heart, rat brain, rat heart tissue lysates; NIH 3T3 cell lysate.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15515
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab186730 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 27 kDa (predicted molecular weight: 27 kDa).

Target

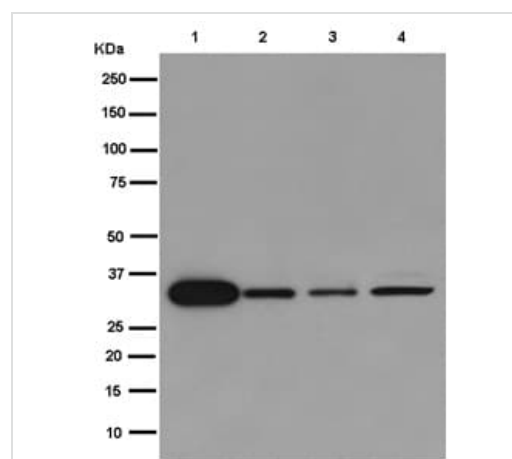
Relevance

The SSPN gene is expressed in a variety of tissues with highest levels in muscle, where alternative splice variants have been observed. In certain tumors KRAS2, SSPN, and ITPR2 are co-amplified. The function of this gene is unknown.

Cellular localization

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

Images



Western blot - Anti-SSPN antibody [EPR15515] (ab186730)

All lanes : Anti-SSPN antibody [EPR15515] (ab186730) at 1/10000 dilution

Lane 1 : Human fetal heart tissue lysate

Lane 2 : Human skeletal muscle tissue lysate

Lane 3 : A673 cell lysate

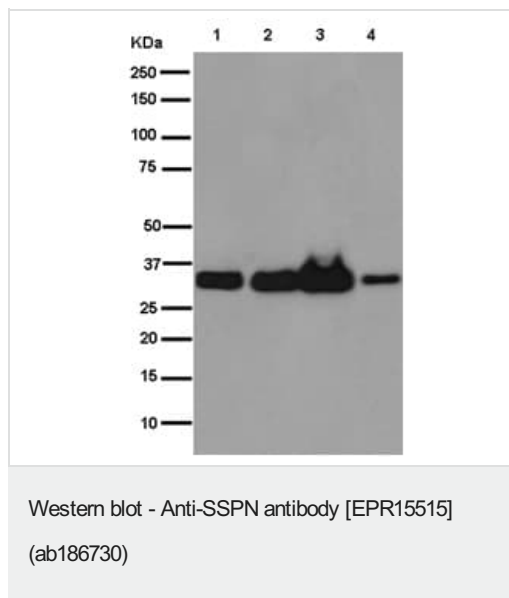
Lane 4 : 293 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 27 kDa



All lanes : Anti-SSPN antibody [EPR15515] (ab186730) at 1/1000 dilution

Lane 1 : Mouse heart tissue lysate

Lane 2 : Rat brain tissue lysate

Lane 3 : Rat heart tissue lysate

Lane 4 : NIH 3T3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution

Predicted band size: 27 kDa

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-SSPN antibody [EPR15515] (ab186730)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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