

Product datasheet

Anti-SMCP antibody - C-terminal ab171185

1 Image

Overview

<b>Product name</b>	Anti-SMCP antibody - C-terminal
<b>Description</b>	Rabbit polyclonal to SMCP - C-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human SMCP aa 75-105 (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. Database link: <a href="#">P49901</a>
<b>Positive control</b>	NCIH460 cell line lysate.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab171185 is purified through a protein A column, followed by peptide affinity purification.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab171185** 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		1/100 - 1/500. Predicted molecular weight: 13 kDa.

## Target

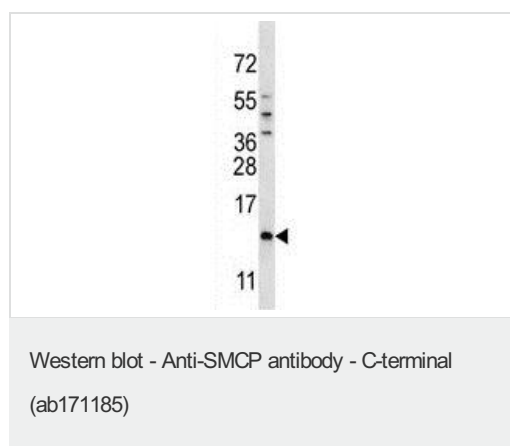
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<b>Function</b>	Involved in sperm motility. Its absence is associated with genetic background dependent male infertility. Infertility may be due to reduced sperm motility in the female reproductive tract and inability to penetrate the oocyte zona pellucida.
<b>Tissue specificity</b>	Testis. Is selectively expressed in the spermatids of seminiferous tubules.
<b>Developmental stage</b>	Expressed in postmeiotic cells.
<b>Cellular localization</b>	Cytoplasm. Mitochondrion membrane. Becomes associated with the spermatid mitochondrion capsule at step 16 of spermatogenesis.

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## Images

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Anti-SMCP antibody - C-terminal (ab171185)  
at 1/100 dilution + NCI-H460 cell line lysate at  
35 µg

**Predicted band size:** 13 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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