

**SMS antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14910****Specification**

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**SMS antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">P52788</a>
Other Accession	<a href="#">NM_004595</a> , <a href="#">NP_004586</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

**SMS antibody - N-terminal region - Additional Information****Gene ID 6611**

Alias Symbol	MRSR, SPMSY, SRS, SpS
<b>Other Names</b>	Spermine synthase, SPMSY, 2.5.1.22, Spermidine aminopropyltransferase, SMS

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-SMS antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

SMS antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**SMS antibody - N-terminal region - Protein Information**

**Name** SMS {ECO:0000303|PubMed:14508504, ECO:0000312|HGNC:HGNC:11123}

**Function**

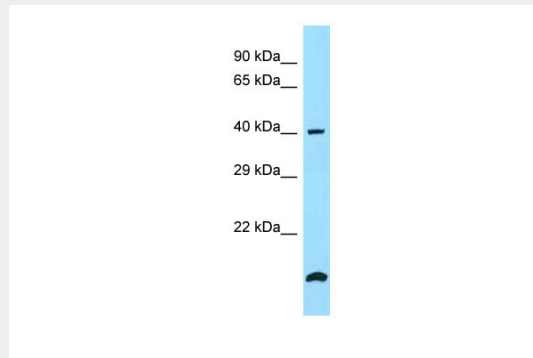
Catalyzes the production of spermine from spermidine and decarboxylated S-adenosylmethionine (dcSAM).

**SMS antibody - N-terminal region - 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](#)

#### **SMS antibody - N-terminal region - Images**



WB Suggested Anti-SMS Antibody Titration: 1.0  $\mu\text{g/ml}$   
Positive Control: MCF7 Whole Cell

#### **SMS antibody - N-terminal region - References**

- Korhonen V.-P., et al. *DNA Cell Biol.* 14:841-847(1995).  
Grieff M., et al. *Genomics* 44:227-231(1997).  
Ota T., et al. *Nat. Genet.* 36:40-45(2004).  
Ross M.T., et al. *Nature* 434:325-337(2005).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.