

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

SMS antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P52788
Other Accession	NM_004595 , NP_004586
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
Other Names	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

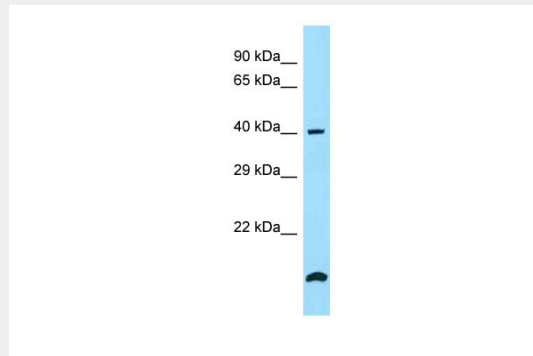
Catalyzes the production of spermine from spermidine and decarboxylated S-adenosylmethionine (dcSAM).

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 µg/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.