

Sms antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14911**Specification**

Sms antibody - middle region - Product Information

Application	WB
Primary Accession	P97355
Other Accession	NM_009214 , NP_033240
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

Sms antibody - middle region - Additional Information**Gene ID** 20603**Alias Symbol** AI427066, Gy, SpmST, gyro, SPMSY**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 - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Sms antibody - middle region - Protein Information**Name** Sms**Function**

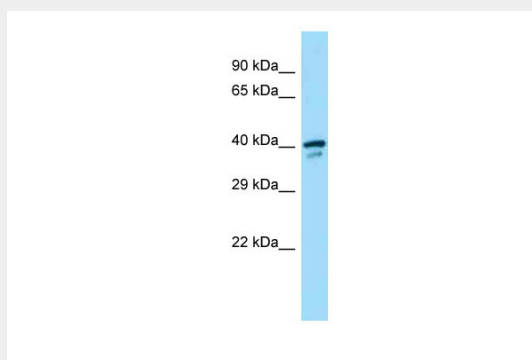
Catalyzes the production of spermine from spermidine and decarboxylated S-adenosylmethionine (dcSAM) (PubMed:9467015). Required for normal viability, growth and fertility (PubMed:15459188).

Sms antibody - middle 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 - middle region - Images



WB Suggested Anti-Sms Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Small Intestine

Sms antibody - middle region - References

Strom T.M., et al. Hum. Mol. Genet. 6:165-171(1997).
Niiranen K., et al. Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.
Carninci P., et al. Science 309:1559-1563(2005).
Church D.M., et al. PLoS Biol. 7:E1000112-E1000112(2009).
Korhonen V.-P., et al. Mol. Pharmacol. 59:231-238(2001).