

Sms antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14911

Product Information

Application	WB
Primary Accession	P97355
Other Accession	NM_009214 , NP_033240
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41313

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.

Protein Information

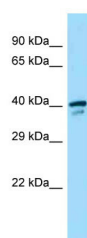
Name	Sms
Function	Catalyzes the production of spermine from spermidine and decarboxylated S-adenosylmethionine (dcSAM) (PubMed: 9467015). Required for normal viability, growth and fertility (PubMed: 15459188).

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.