

# Spermine Synthase Rabbit mAb

Catalog # AP76112

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P52788</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	41268

## Additional Information

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<b>Gene ID</b>	6611
<b>Other Names</b>	SMS
<b>Dilution</b>	WB~~1:1000-1:5000
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	SMS {ECO:0000303   PubMed:14508504, ECO:0000312   HGNC:HGNC:11123}
<b>Function</b>	Catalyzes the production of spermine from spermidine and decarboxylated S-adenosylmethionine (dcSAM).

## Background

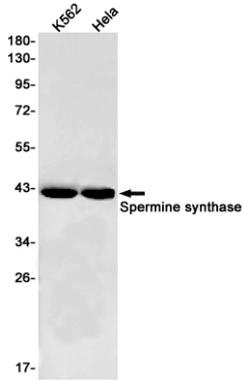
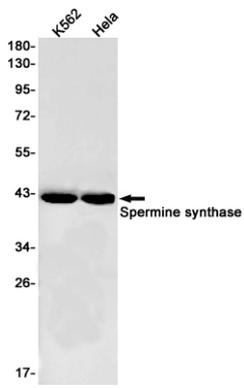
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This gene encodes a protein belonging to the spermidine/spermin synthase family. Pseudogenes of this gene are located on chromosomes 1, 5, 6 and X. Mutations in this gene are associated with X-linked Snyder-Robinson mental retardation syndrome. Multiple transcript variants encoding different isoforms have been found for this gene.

## Images

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Western blot analysis of Spermine synthase in K562, HeLa lysates using Spermine Synthase antibody.



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