

# Anti-Spermine synthase Rabbit Monoclonal Antibody

Catalog # ABO16193

## Product Information

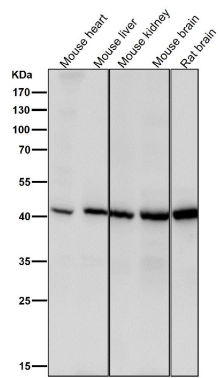
|                          |                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IF, ICC                                                                                                                         |
| <b>Primary Accession</b> | <a href="#">P52788</a>                                                                                                              |
| <b>Host</b>              | Rabbit                                                                                                                              |
| <b>Isotype</b>           | IgG                                                                                                                                 |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                   |
| <b>Clonality</b>         | Monoclonal                                                                                                                          |
| <b>Format</b>            | Liquid                                                                                                                              |
| <b>Description</b>       | Anti-Spermine synthase Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

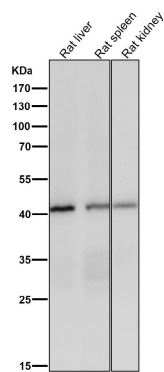
|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 6611                                                                                                                                       |
| <b>Other Names</b>         | Spermine synthase, SPMSY, 2.5.1.22, Spermidine aminopropyltransferase, SMS {ECO:0000303   PubMed:14508504, ECO:0000312   HGNC:HGNC:11123}  |
| <b>Calculated MW</b>       | 41268                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000<br>ICC/IF 1:50-1:200                                                                                                       |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 27S72                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human Spermine synthase                                                                                 |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

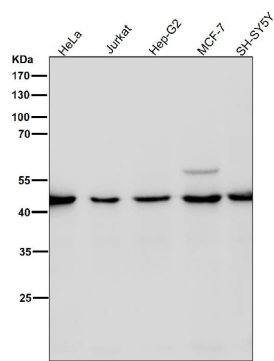
|                 |                                                                                                       |
|-----------------|-------------------------------------------------------------------------------------------------------|
| <b>Name</b>     | SMS {ECO:0000303   PubMed:14508504,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



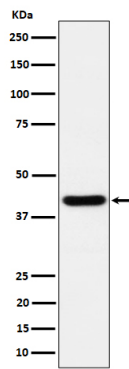
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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Western blot analysis of Spermine synthase expression in HeLa cell lysate.

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