

SRR Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5675c**Specification**

SRR Antibody (Center) Blocking peptide - Product Information

Primary Accession [O9GZT4](#)
Other Accession [NP_068766.1](#)

SRR Antibody (Center) Blocking peptide - Additional Information

Gene ID 63826

Other Names

Serine racemase, D-serine ammonia-lyase, D-serine dehydratase, L-serine ammonia-lyase, L-serine dehydratase, SRR

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SRR Antibody (Center) Blocking peptide - Protein Information

Name SRR

Function

Catalyzes the synthesis of D-serine from L-serine. D-serine is a key coagonist with glutamate at NMDA receptors. Has dehydratase activity towards both L-serine and D-serine.

Tissue Location

Brain: expressed at high levels in hippocampus and corpus callosum, intermediate levels in substantia nigra and caudate, and low levels in amygdala, thalamus, and subthalamic nuclei. Expressed in heart, skeletal muscle, kidney and liver

SRR Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

SRR Antibody (Center) Blocking peptide - Images

SRR Antibody (Center) Blocking peptide - Background

SRR catalyzes the synthesis of D-serine from L-serine.

SRR Antibody (Center) Blocking peptide - References

Tsai, F.J., et al. PLoS Genet. 6 (2), E1000847 (2010) :Labrie, V., et al. Hum. Mol. Genet. 18(17):3227-3243(2009)Vasan, R.S., et al. JAMA 302(2):168-178(2009)Ohnuma, T., et al. Prog. Neuropsychopharmacol. Biol. Psychiatry 33(3):511-518(2009)